

## FUNCTIONAL DIAGRAM OF CONSUMER PRODUCTS DISTRIBUTION SYSTEM

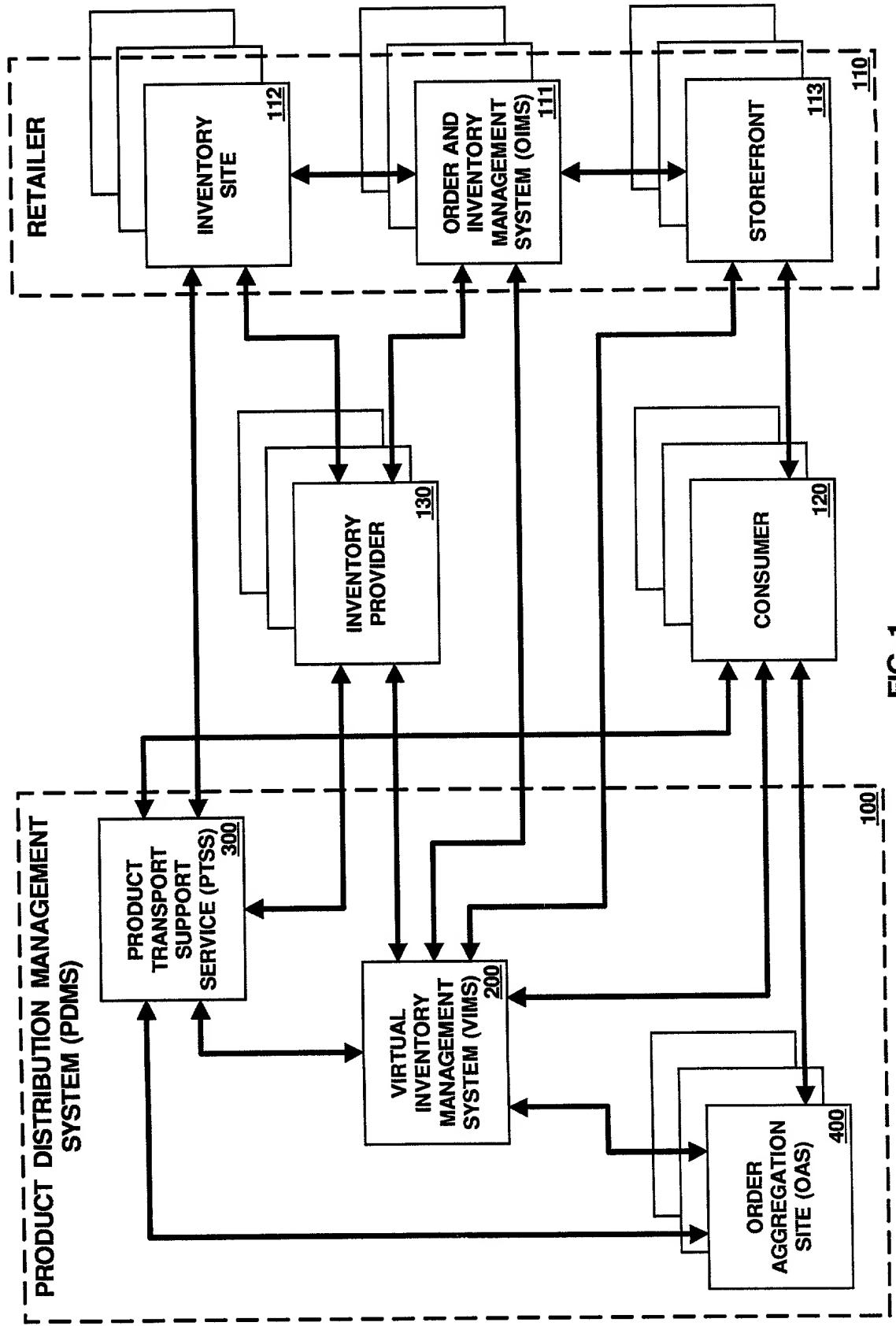


FIG. 1

## VIRTUAL INVENTORY MANAGEMENT SYSTEM (VIMS)

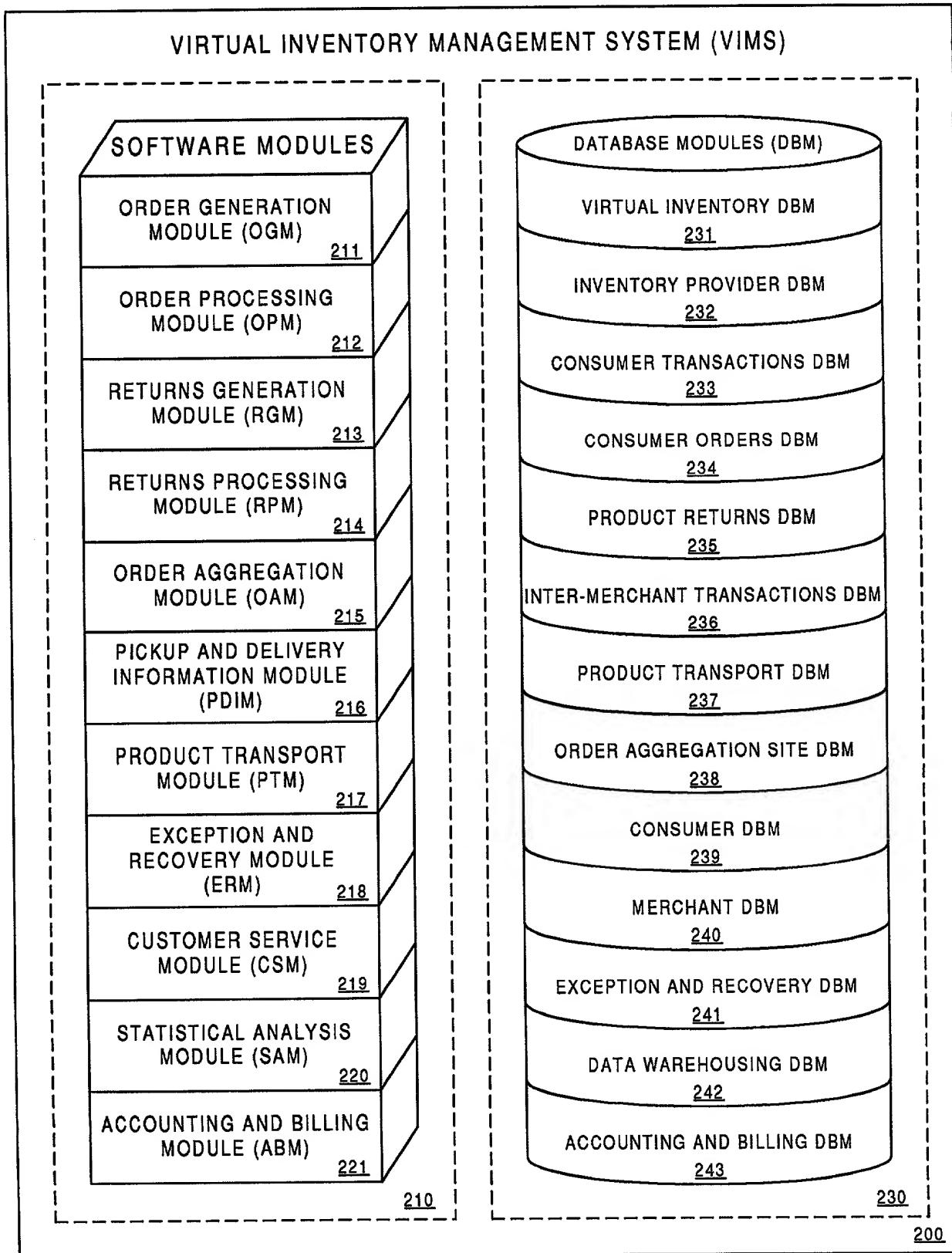


FIG. 2

## CONCEPTUAL ILLUSTRATION OF PRODUCT TRANSPORT SUPPORT SERVICE (PTSS)

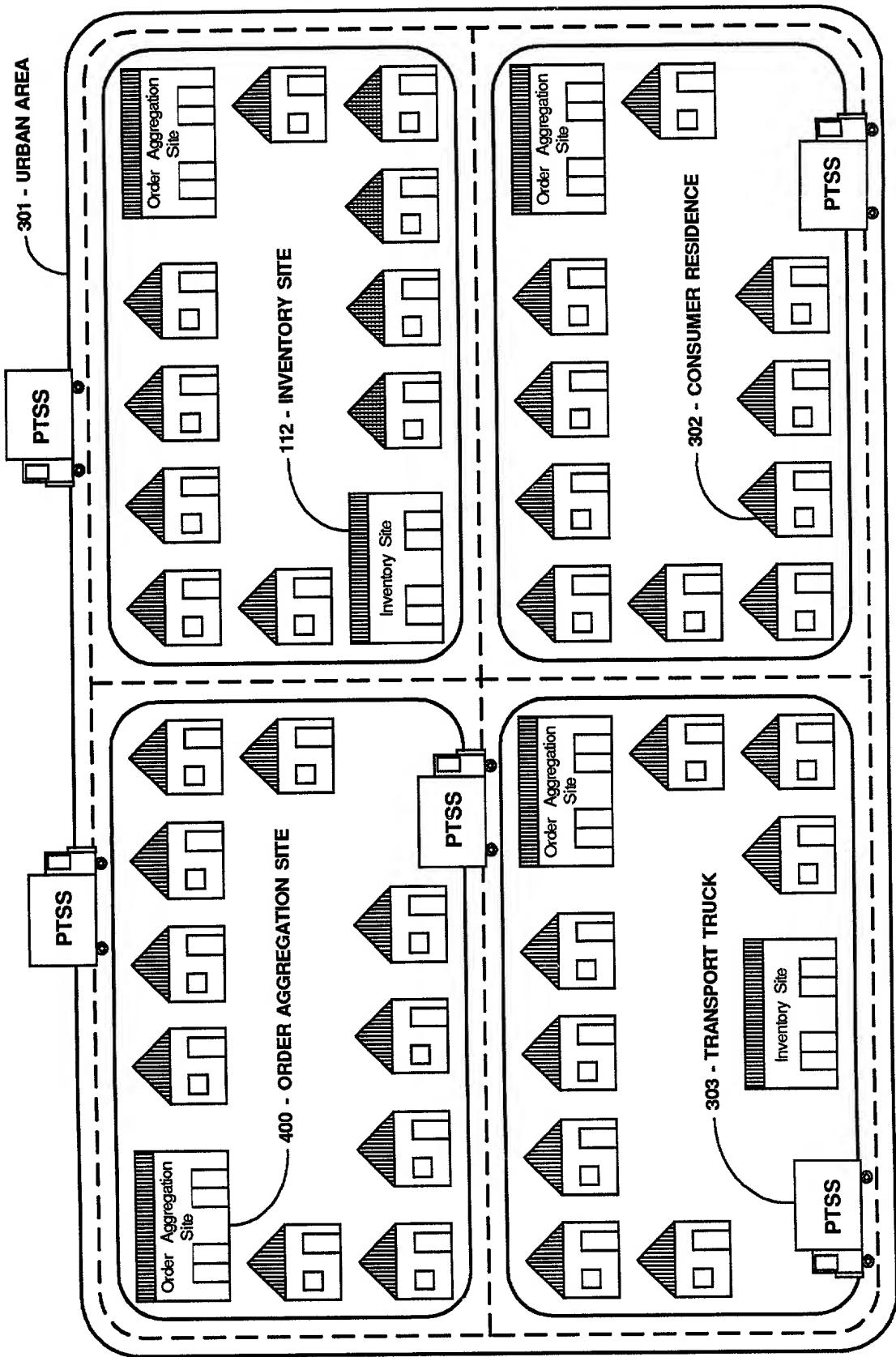


FIG. 3

## ILLUSTRATION OF A TYPICAL ORDER AGGREGATION SITE (OAS)

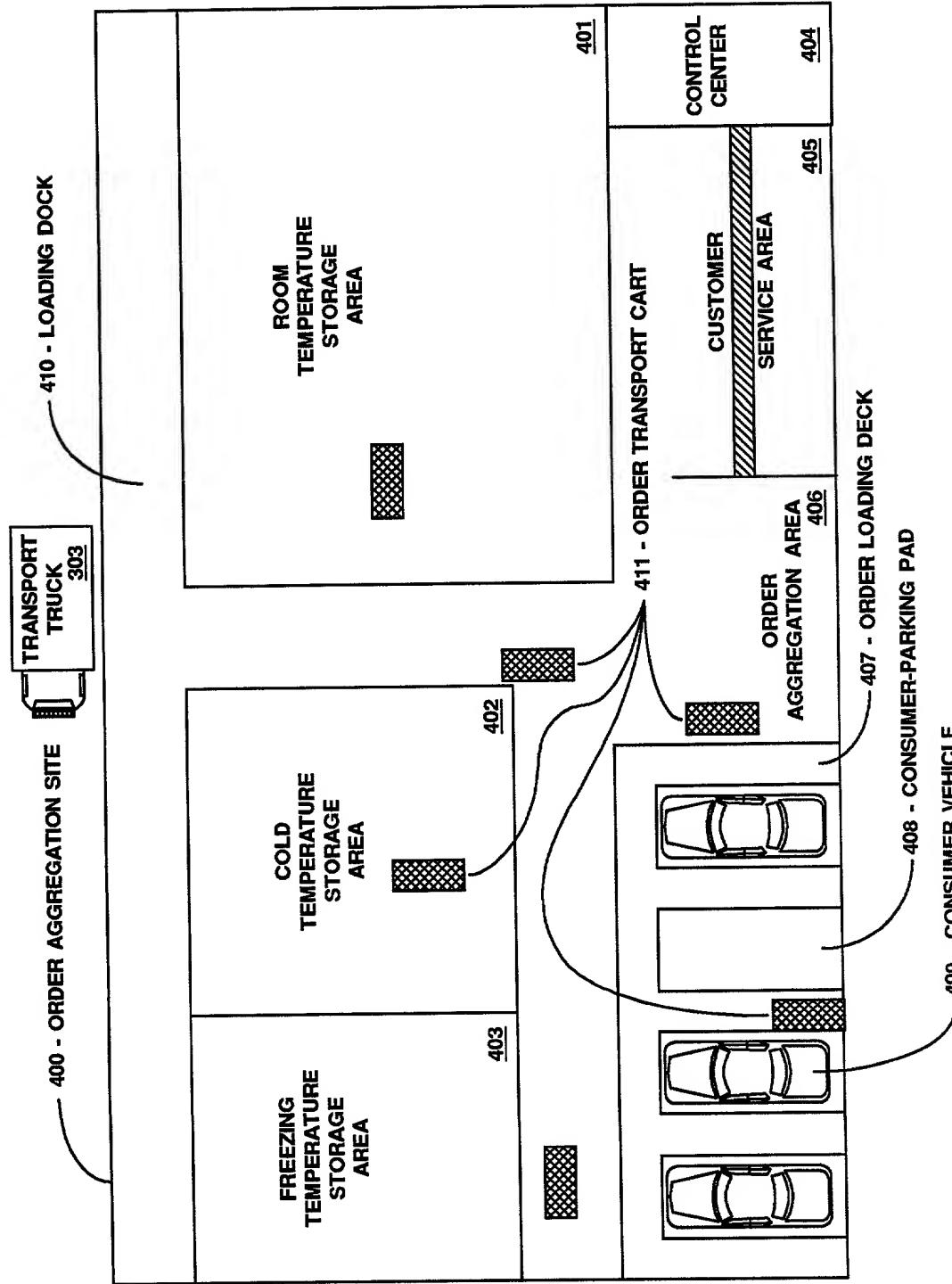


FIG. 4

## PRODUCT DISTRIBUTION MANAGEMENT SYSTEM INFORMATION-FLOW

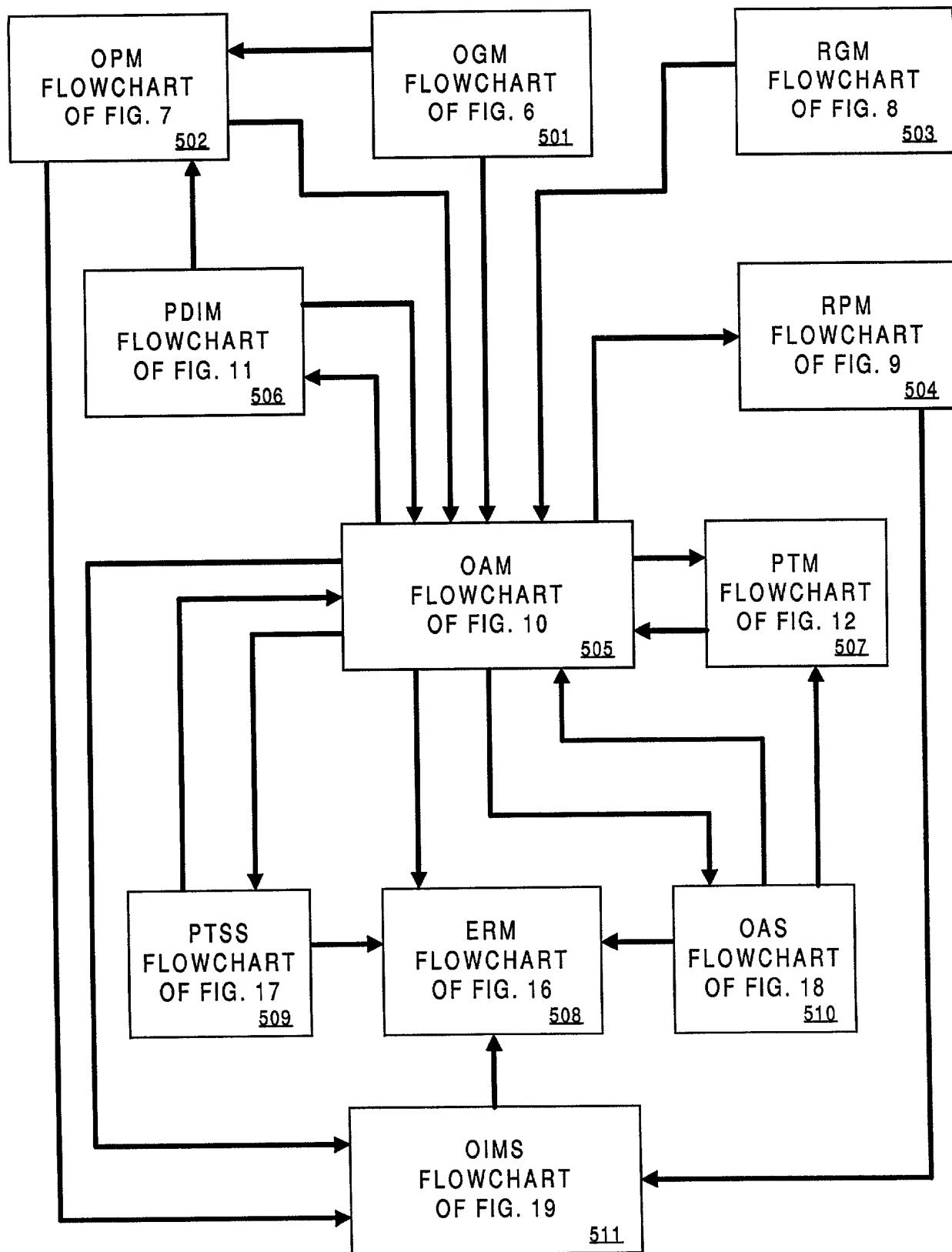


FIG. 5

## ORDER GENERATION MODULE (OGM) FLOW CHART

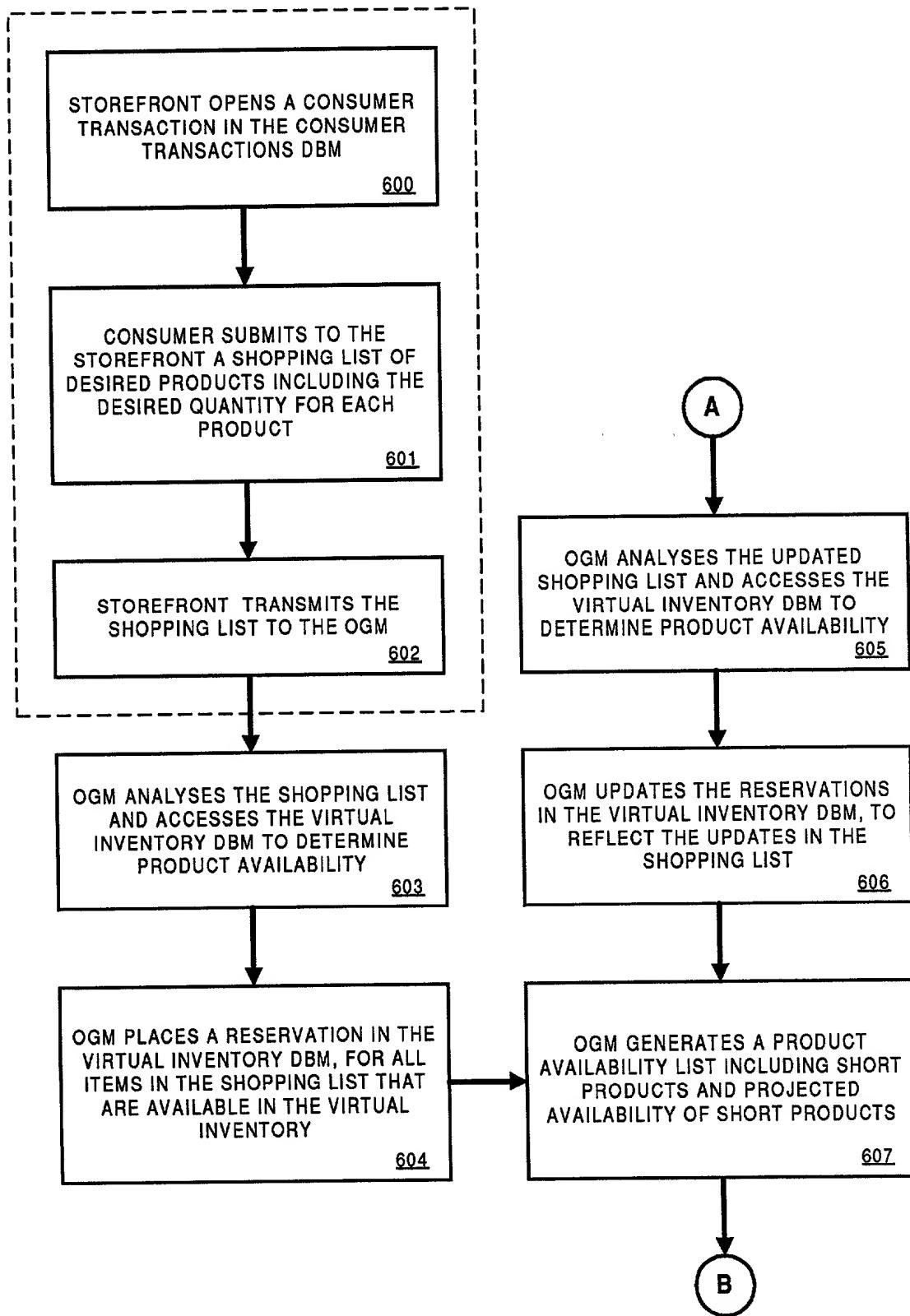


FIG. 6A

## ORDER GENERATION MODULE (OGM) FLOW CHART

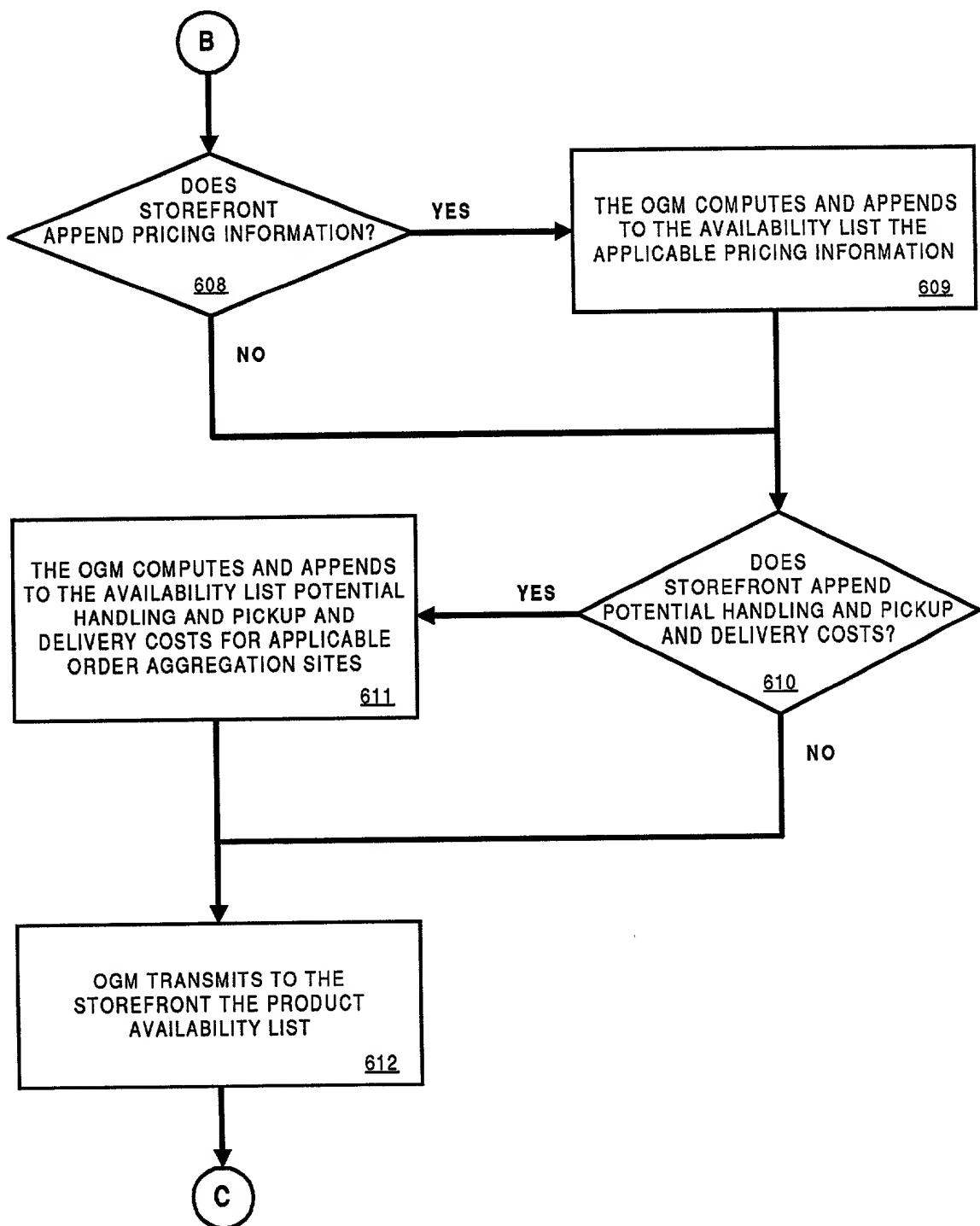


FIG. 6B

## ORDER GENERATION MODULE (OGM) FLOW CHART

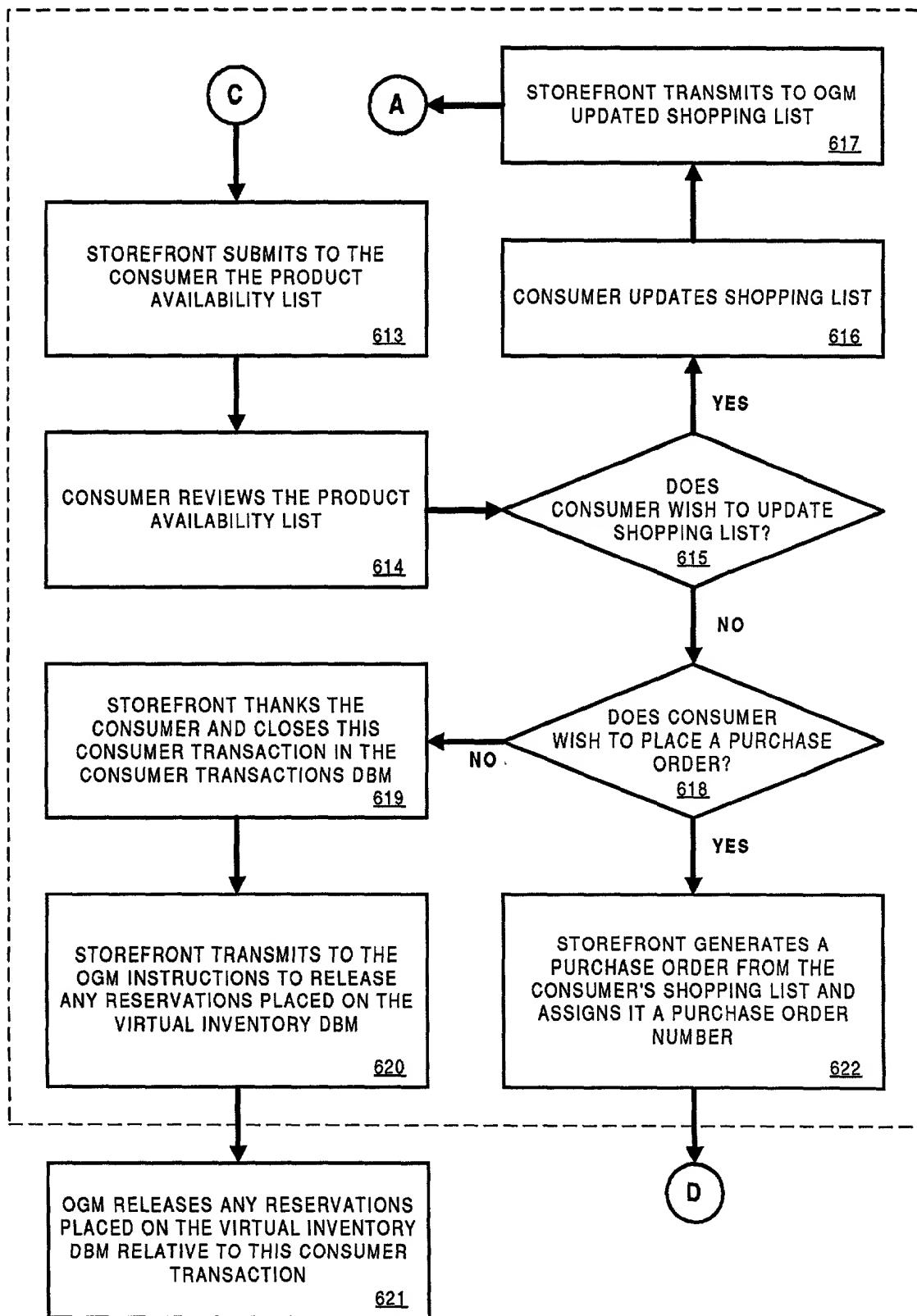


FIG. 6C

## ORDER GENERATION MODULE (OGM) FLOW CHART

623 624 625 626 627 628 629 630 631

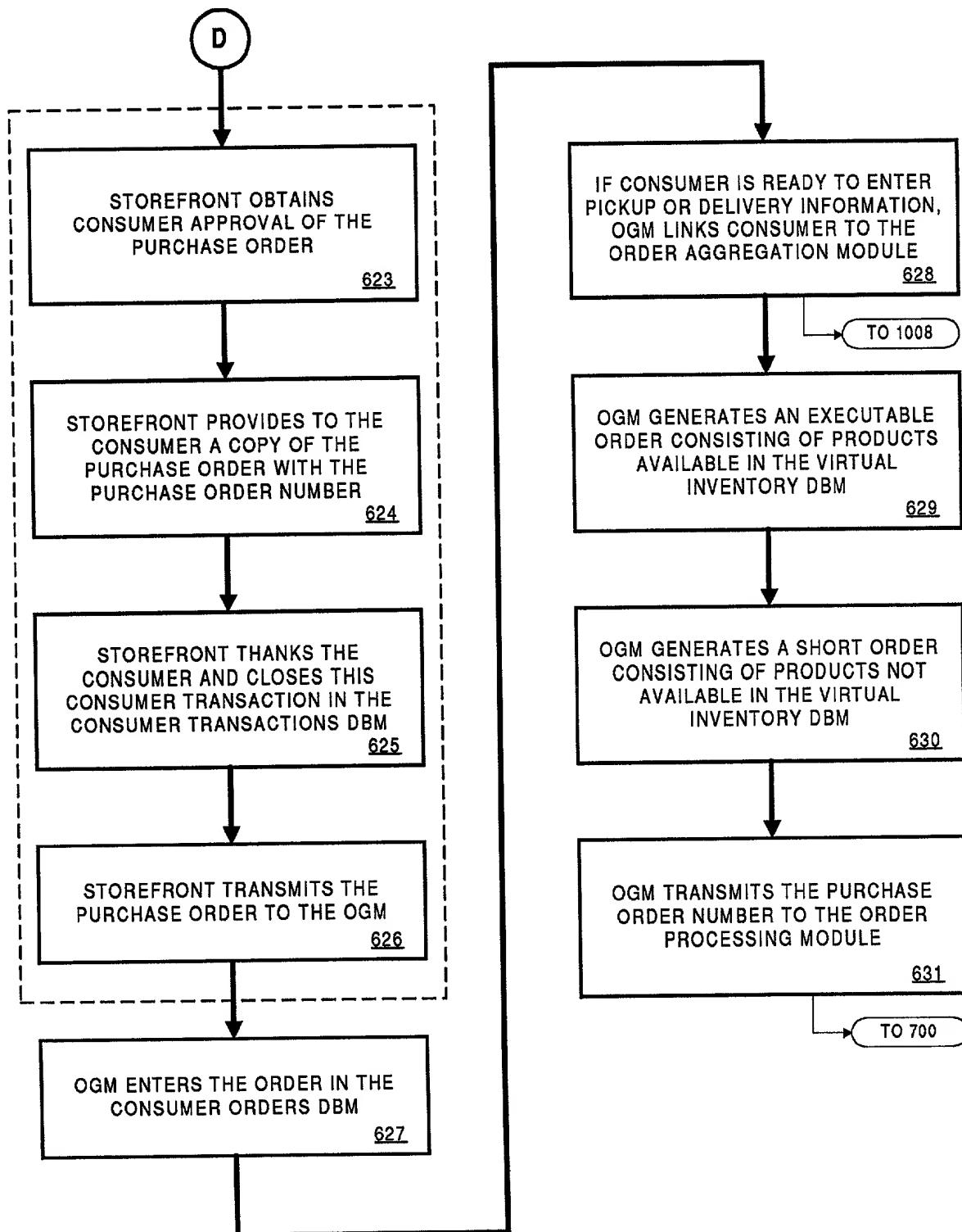


FIG. 6D

## ORDER PROCESSING MODULE (OPM) FLOW CHARTS

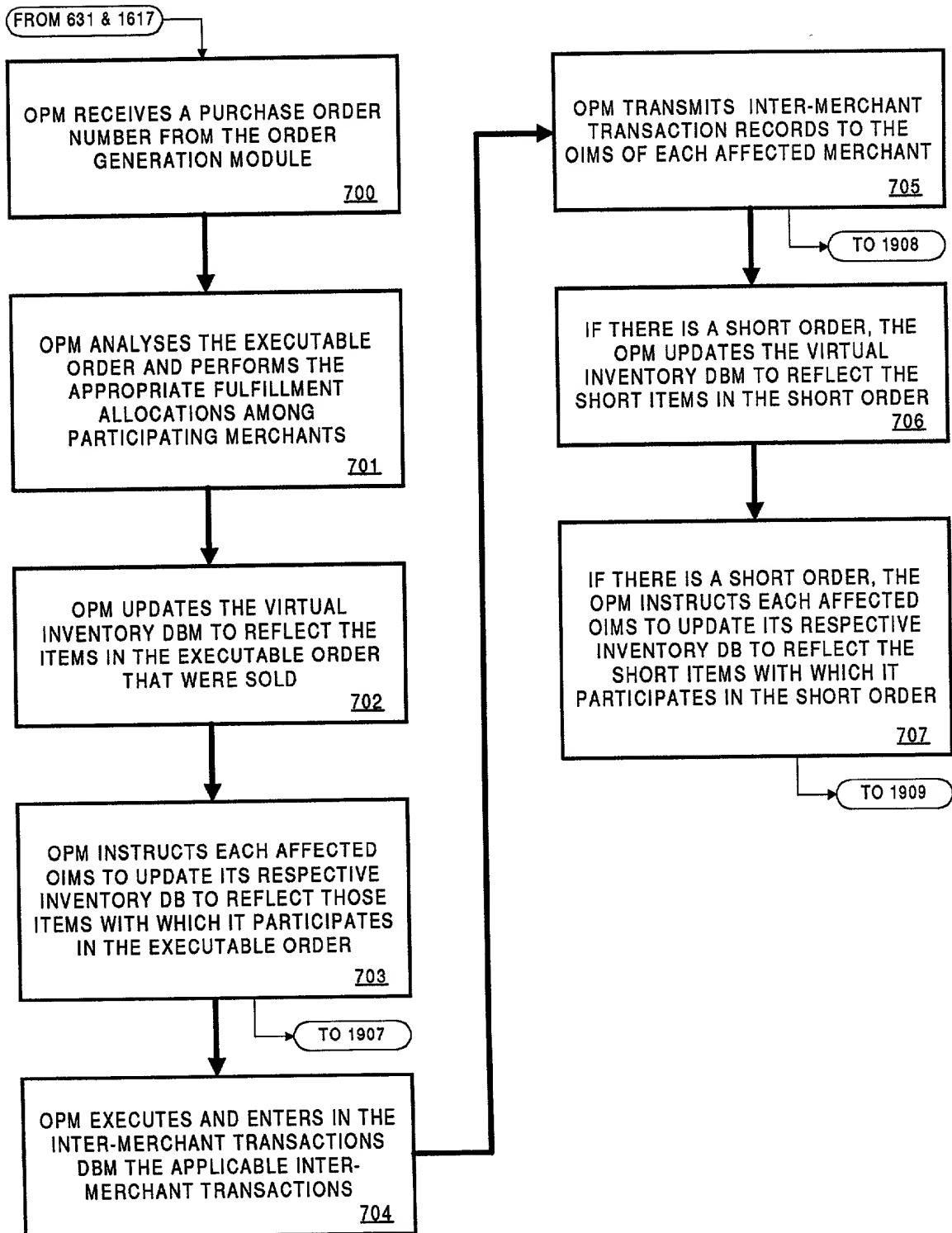


FIG. 7A

## ORDER PROCESSING MODULE (OPM) FLOW CHARTS

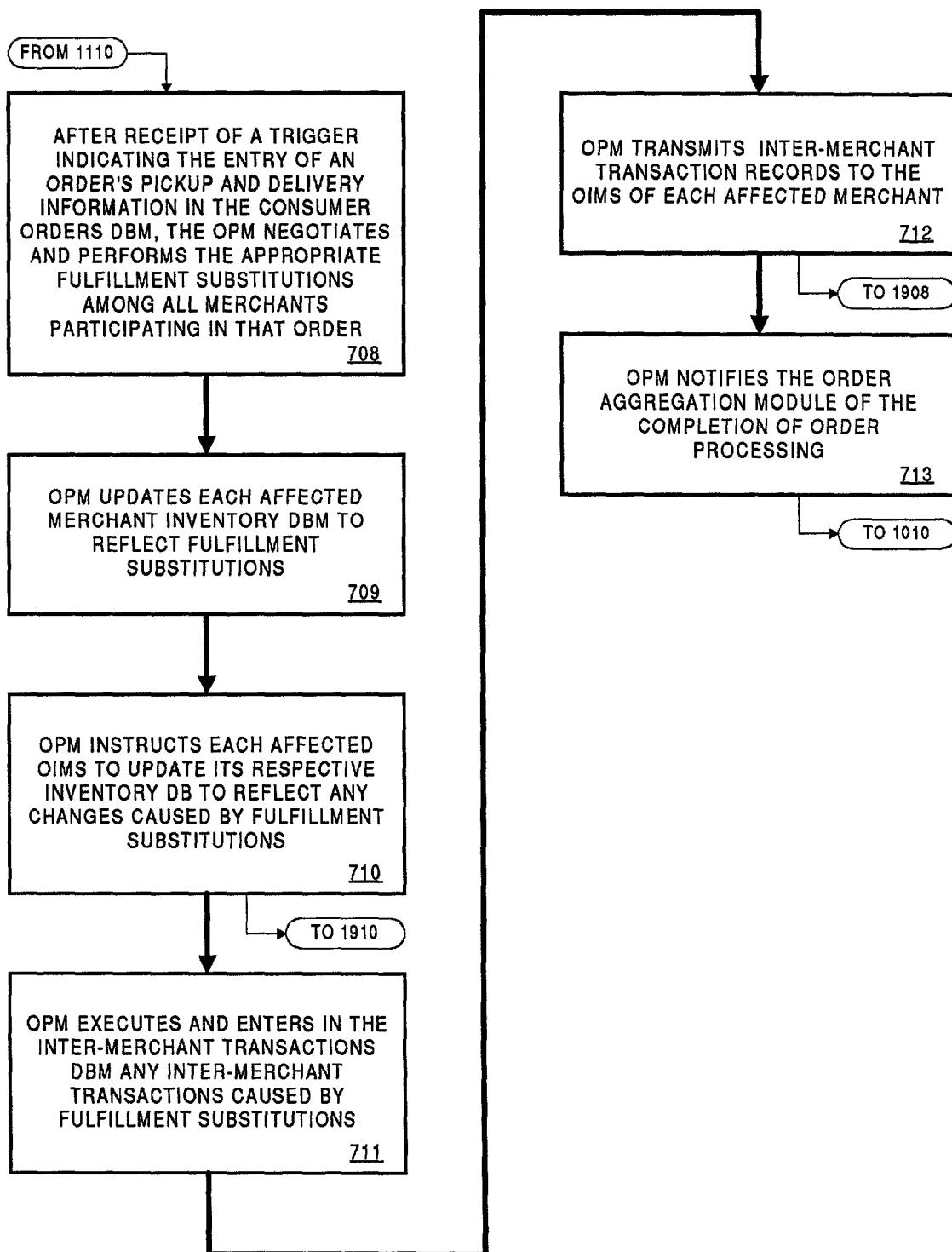


FIG. 7B

## RETURN GENERATION MODULE (RGM) FLOW CHARTS

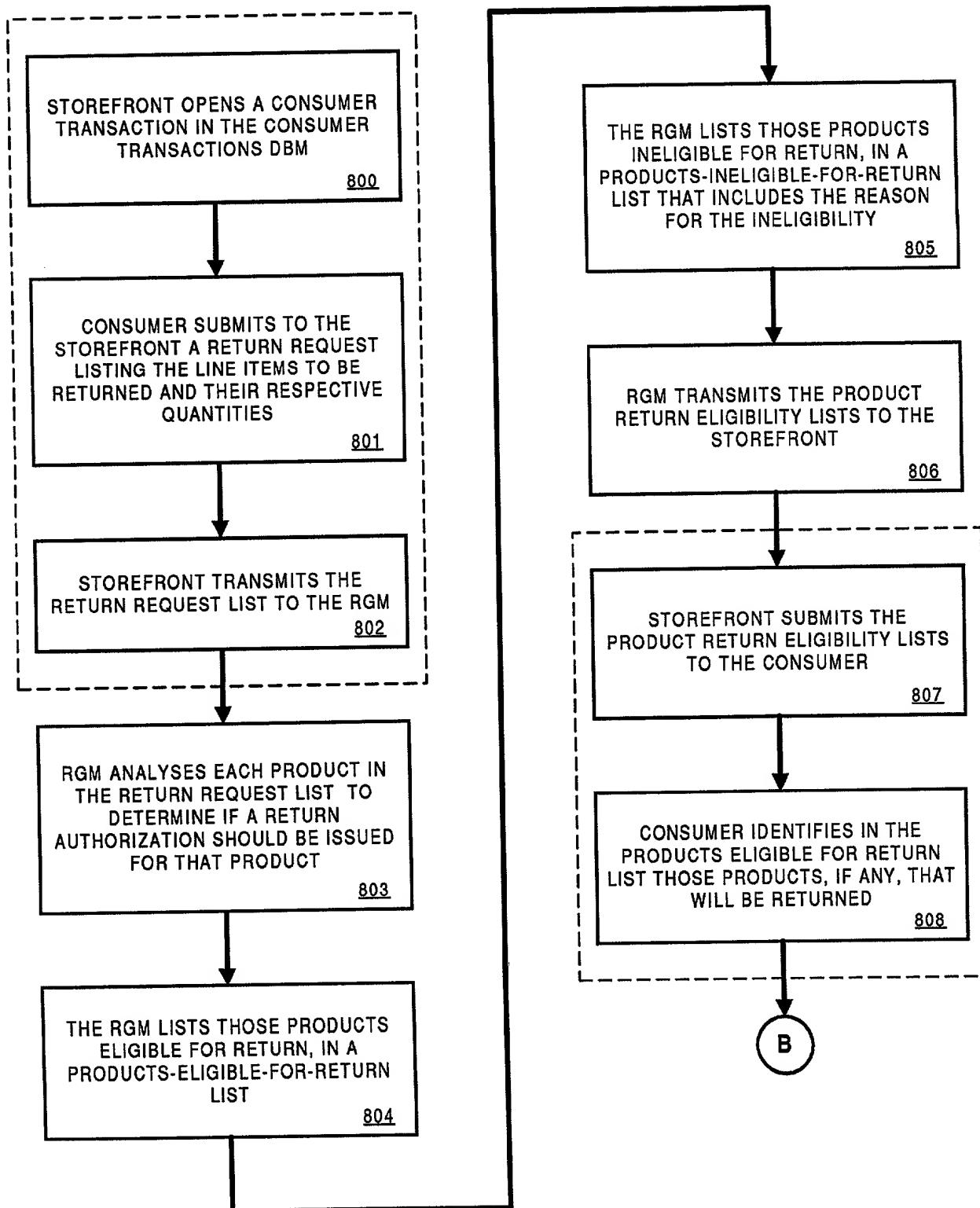


FIG. 8A

## RETURN GENERATION MODULE (RGM) FLOW CHARTS

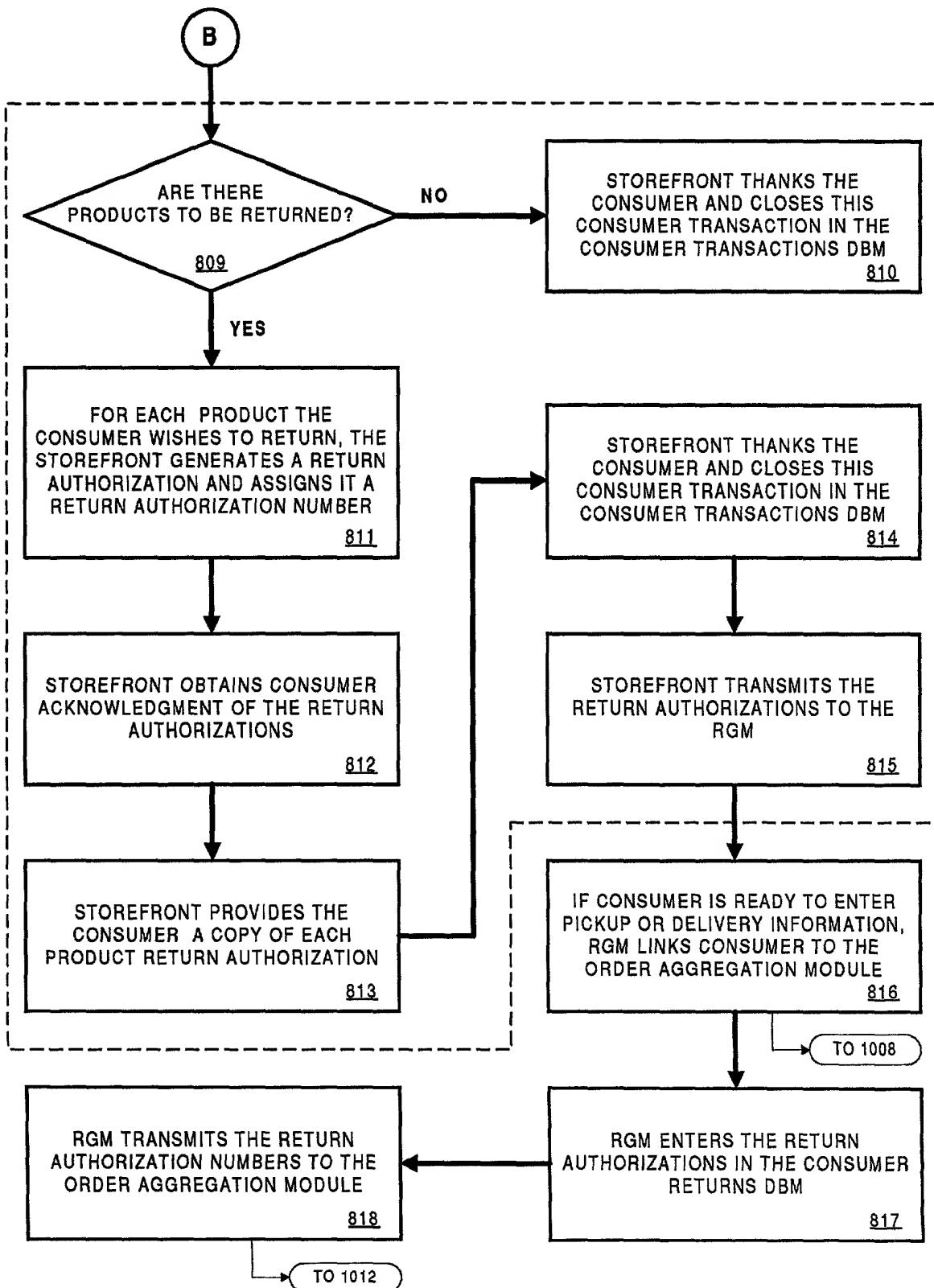


FIG. 8B

## **RETURN GENERATION MODULE (RGM) FLOW CHARTS**

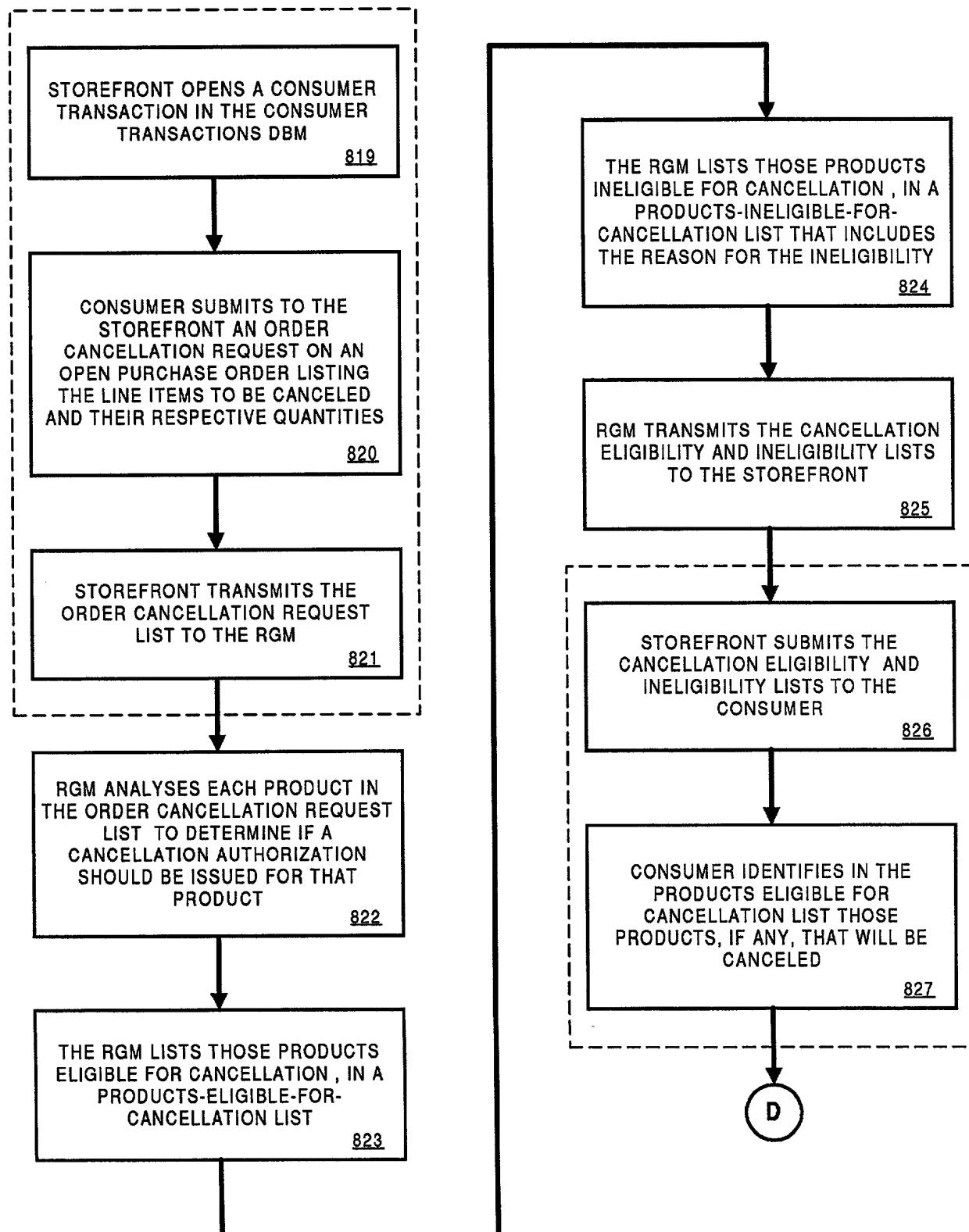


FIG. 8C

## RETURN GENERATION MODULE (RGM) FLOW CHARTS

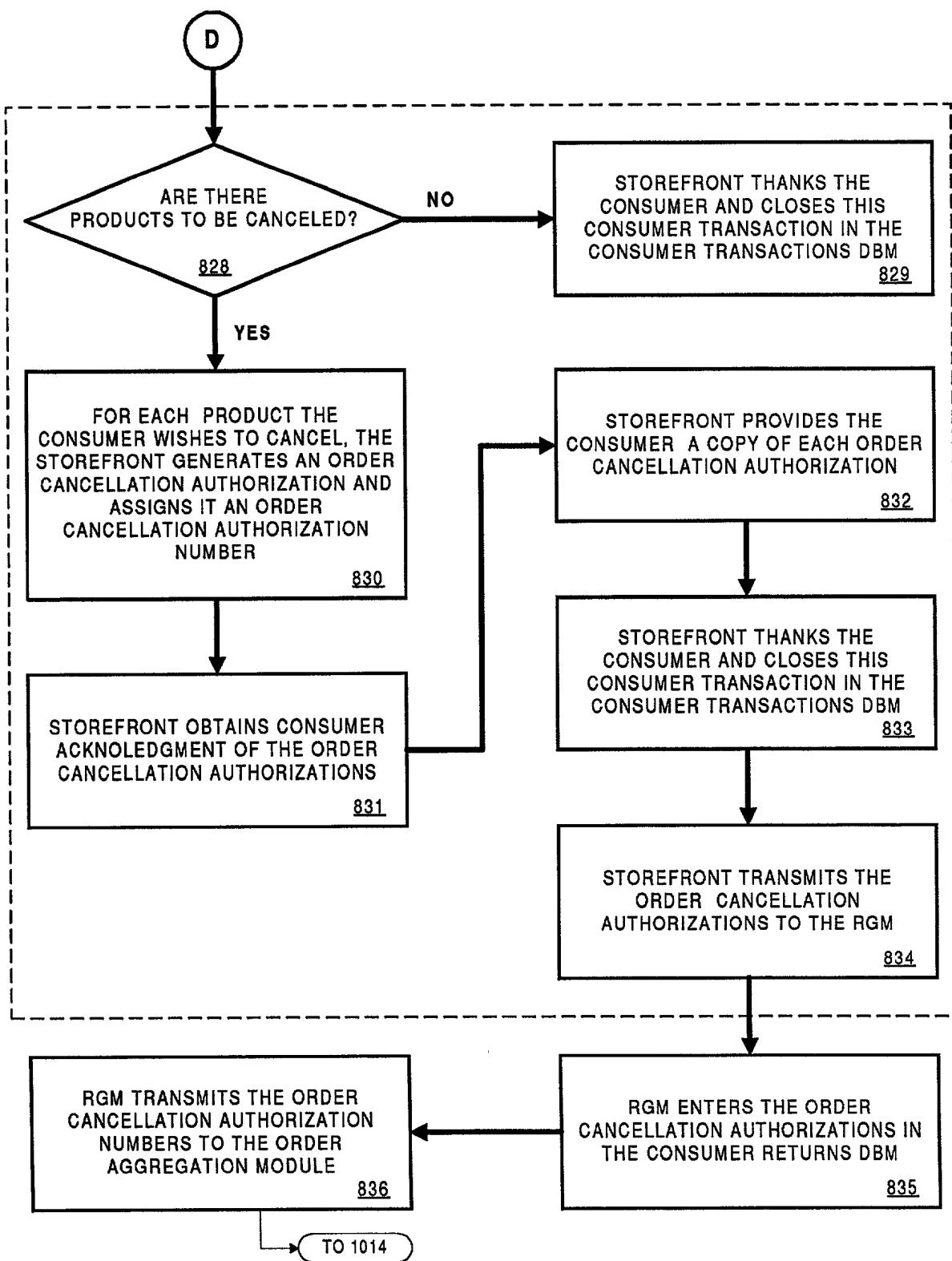


FIG. 8D

## RETURN GENERATION MODULE (RGM) FLOW CHARTS

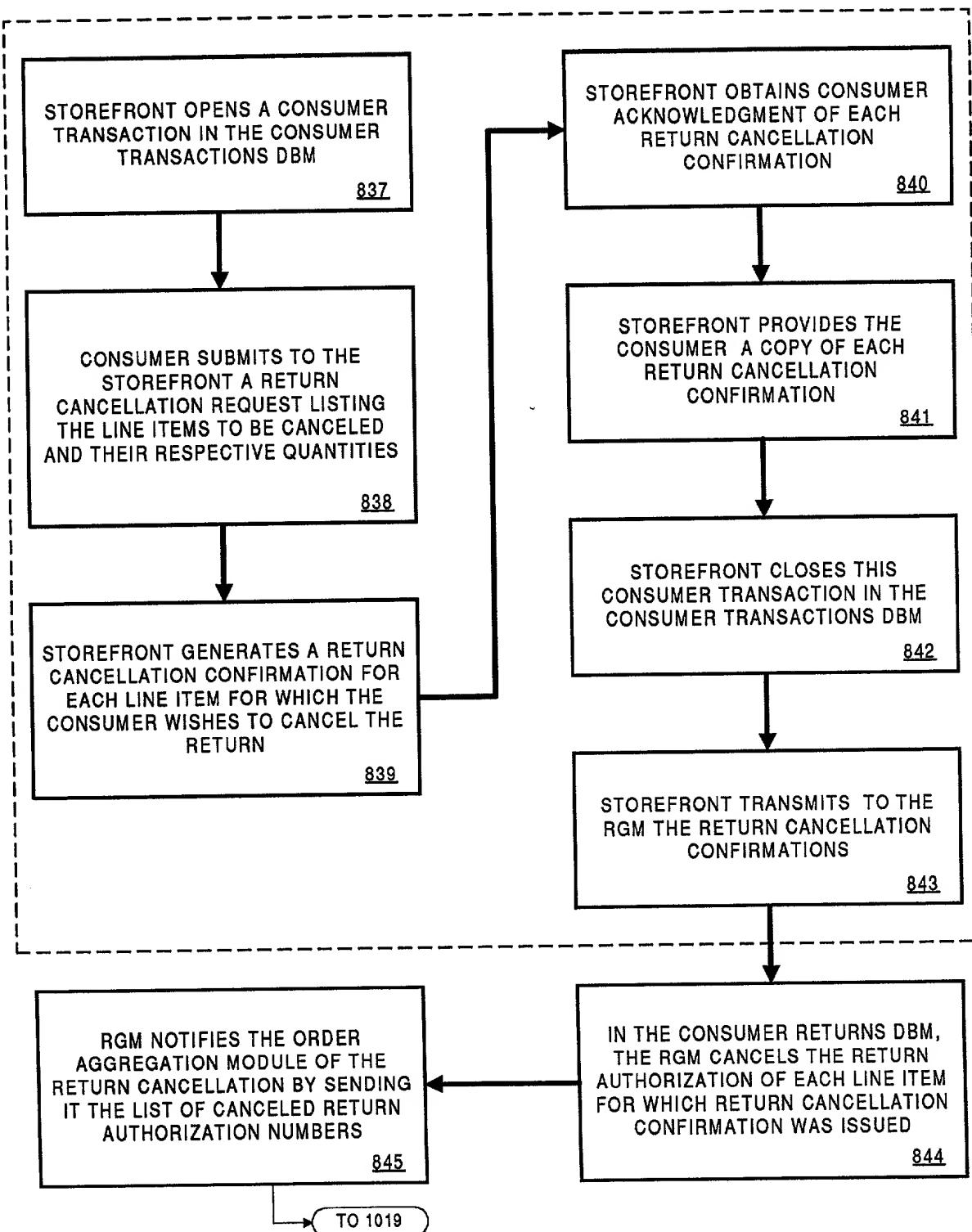


FIG. 8E

## RETURNS PROCESSING MODULE (RPM) FLOW CHARTS

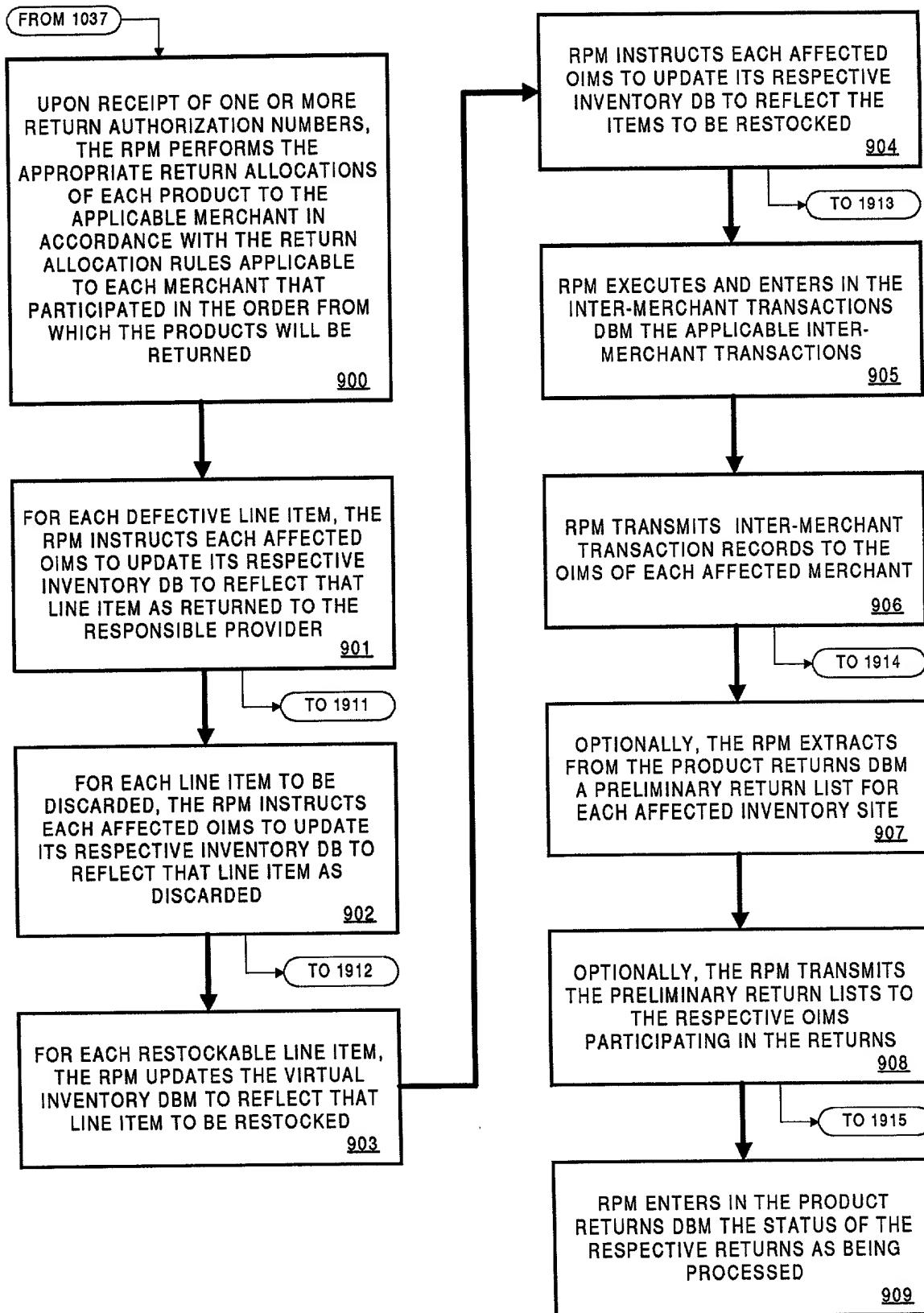


FIG. 9A

## RETURNS PROCESSING MODULE (RPM) FLOW CHARTS

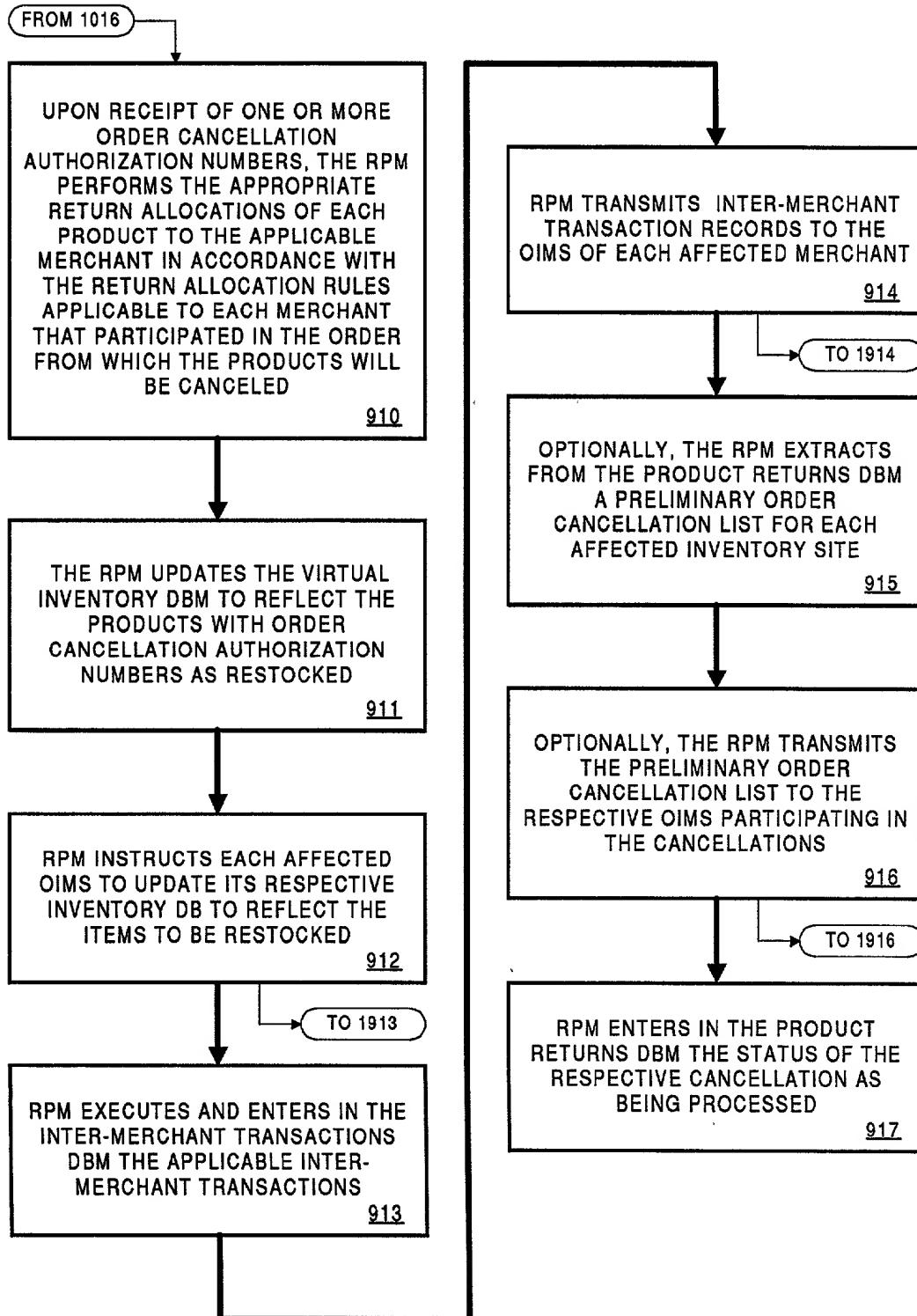


FIG. 9B

## ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

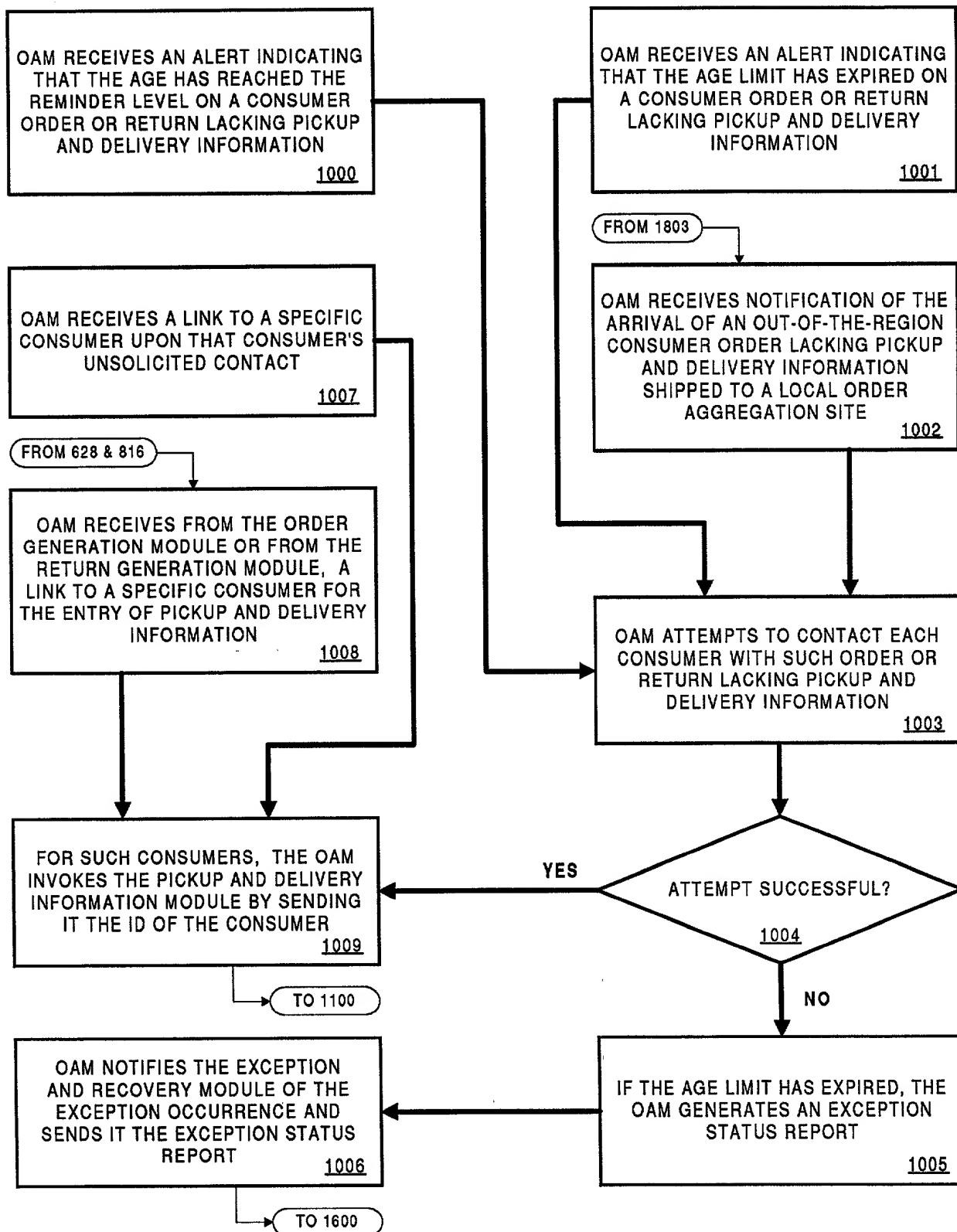


FIG. 10A

## ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

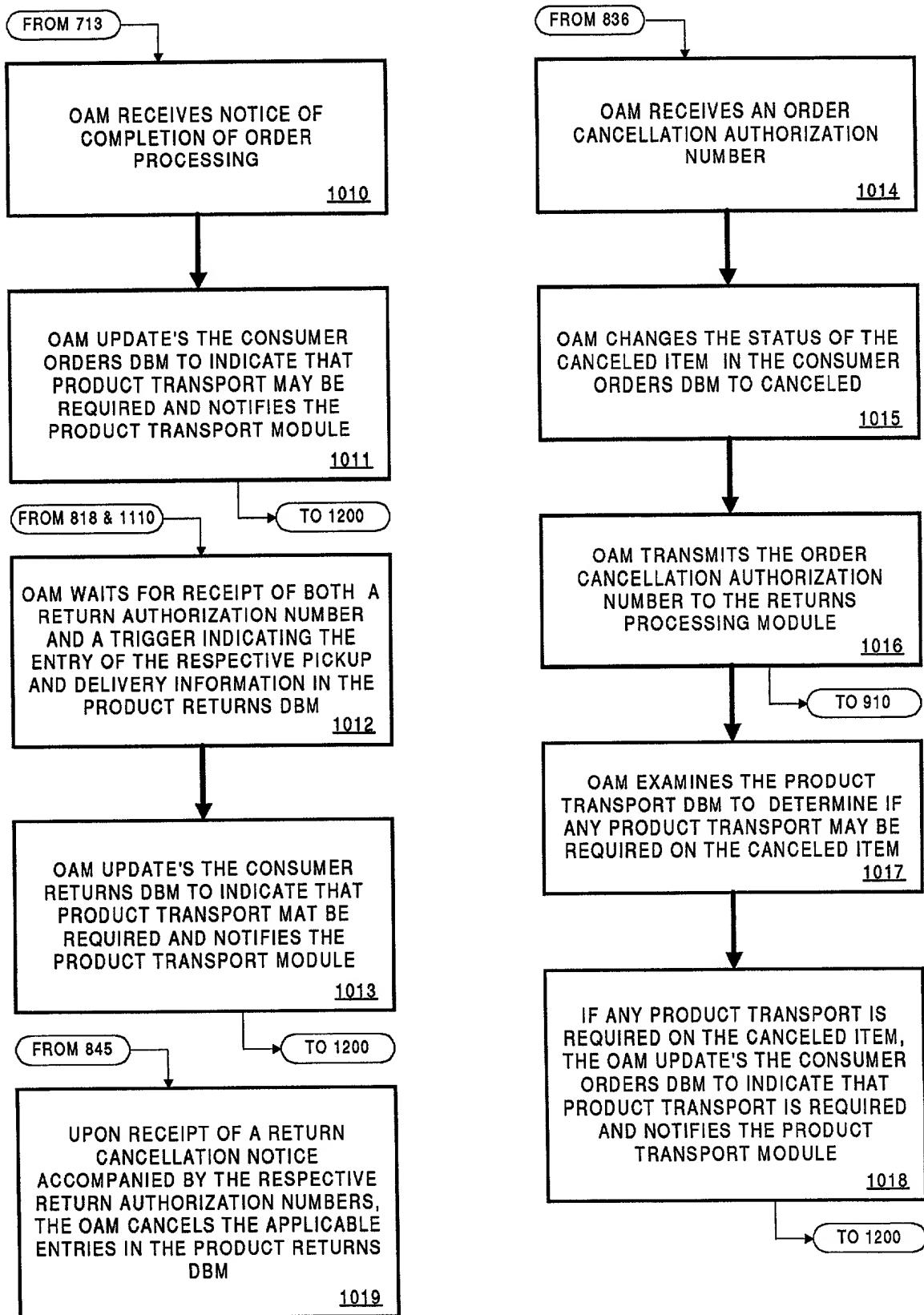


FIG. 10B

## ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

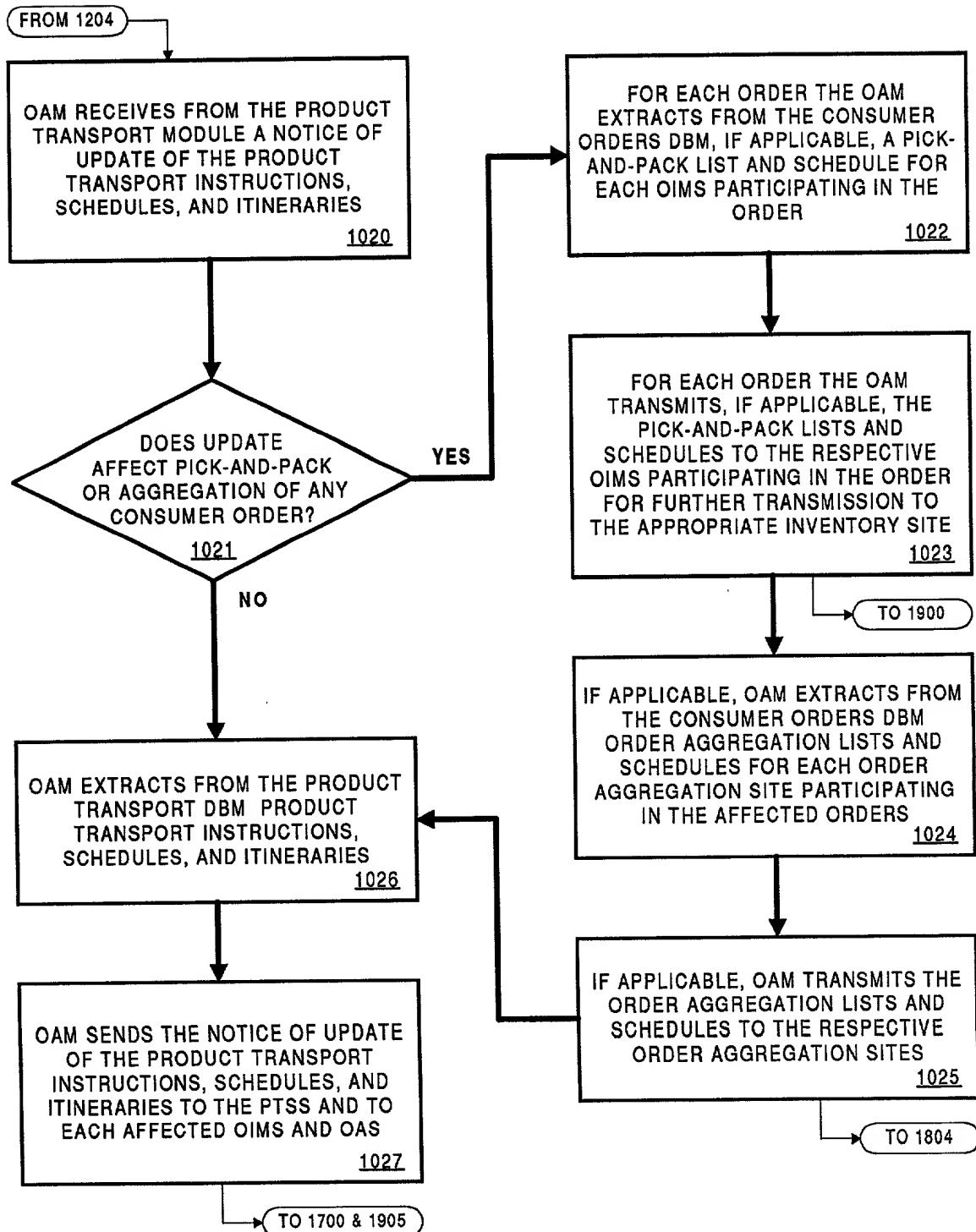


FIG. 10C

## ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

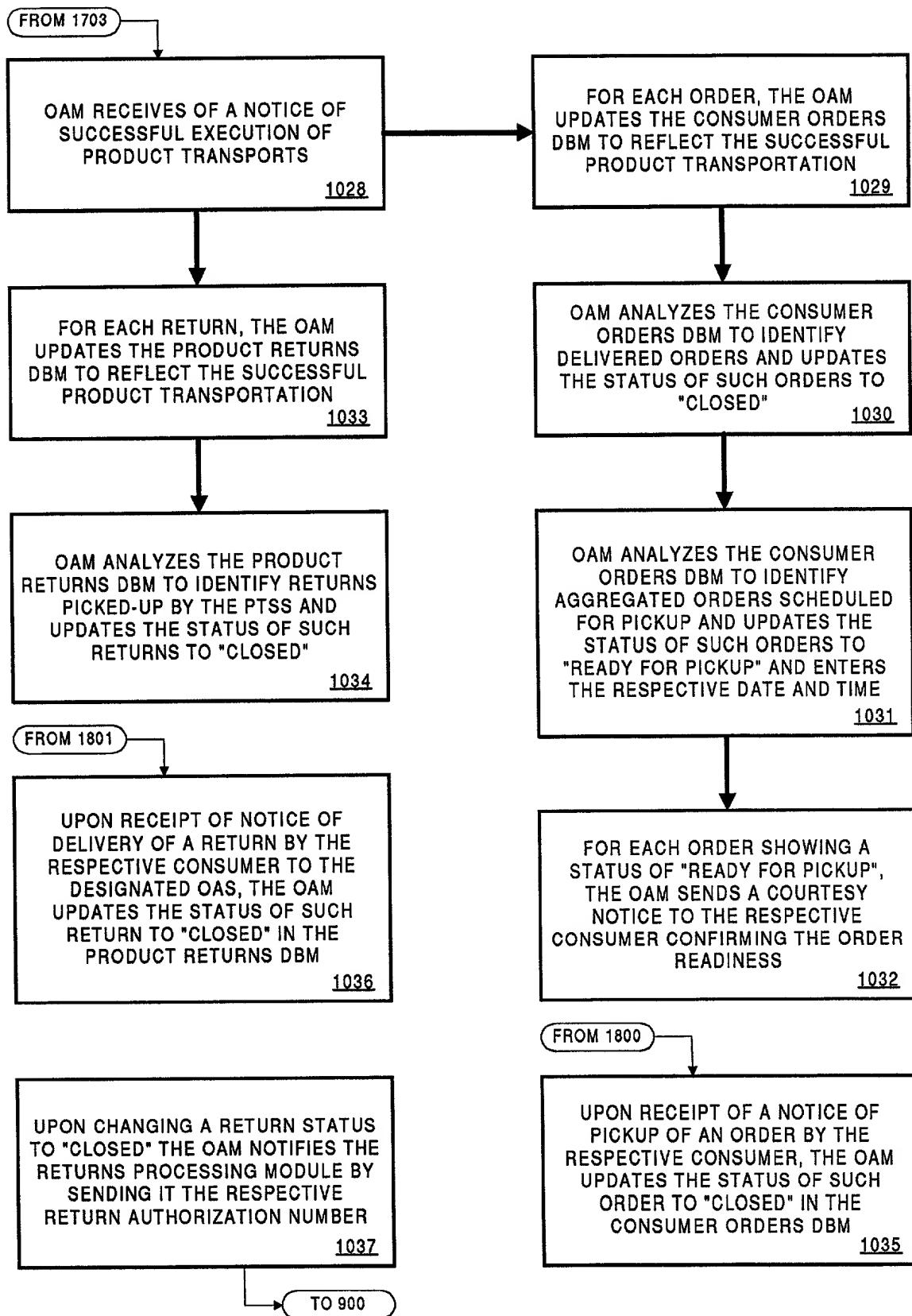


FIG. 10D

## ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

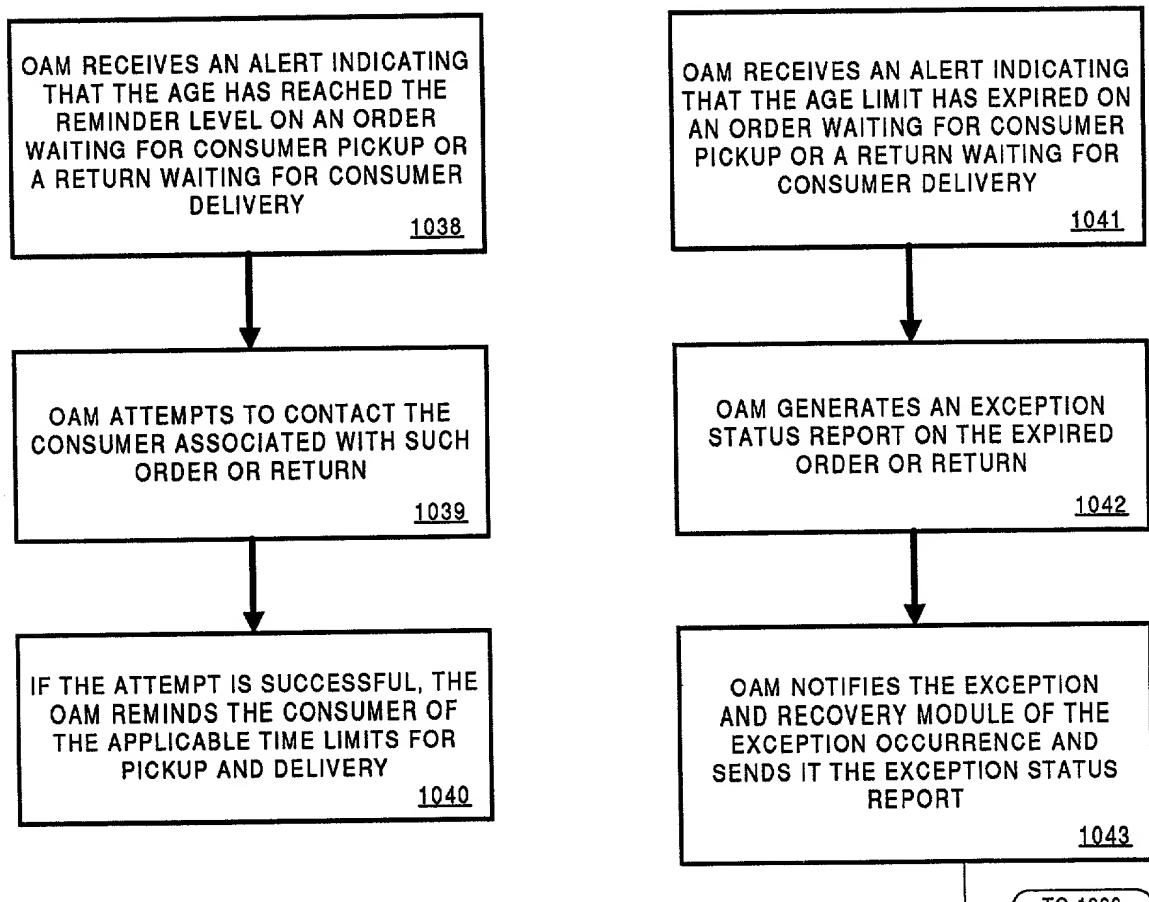


FIG. 10E

## PICKUP AND DELIVERY INFORMATION MODULE (PDIM) FLOW CHART

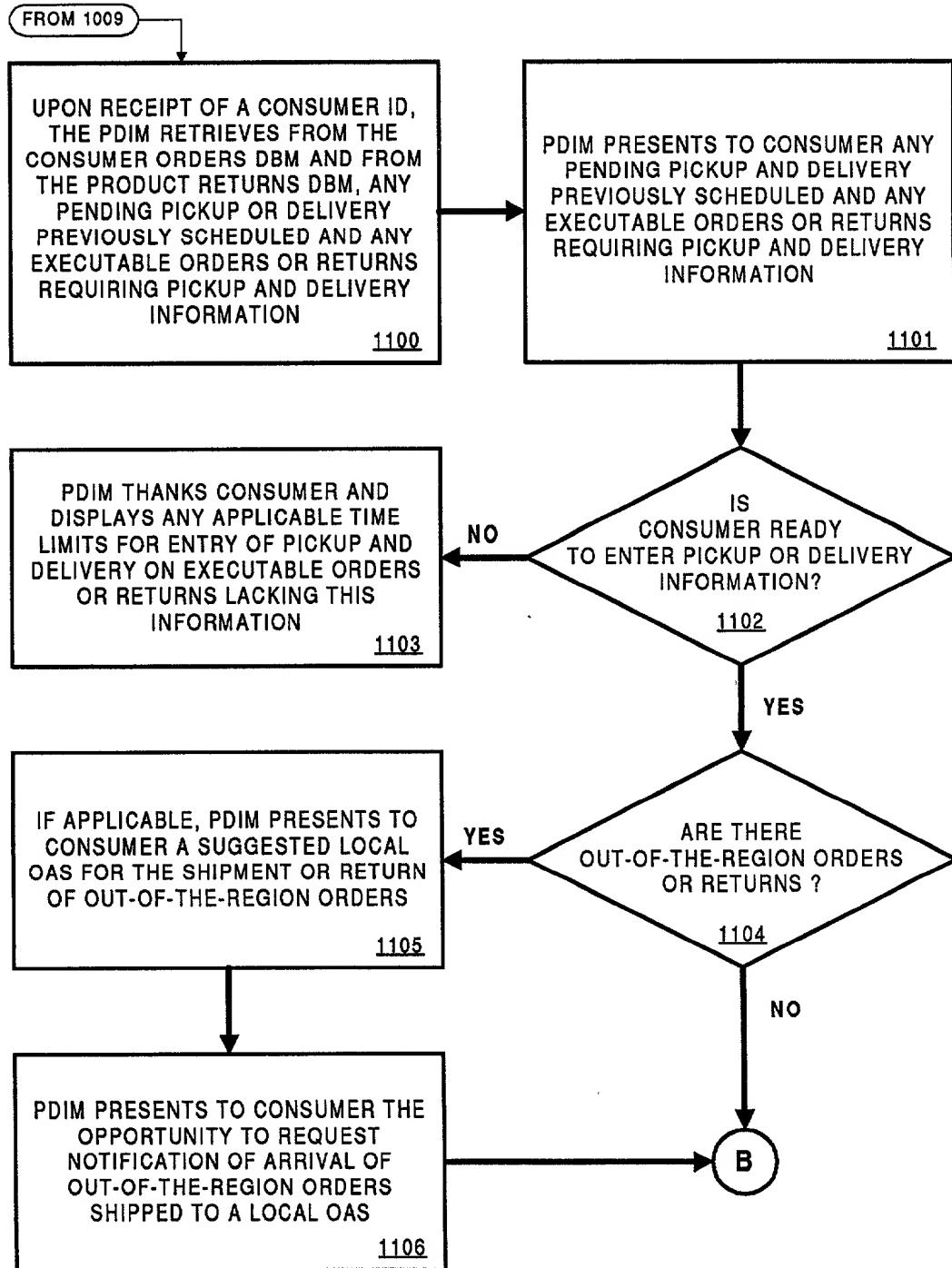


FIG. 11A

## PICKUP AND DELIVERY INFORMATION MODULE (PDIM) FLOW CHART

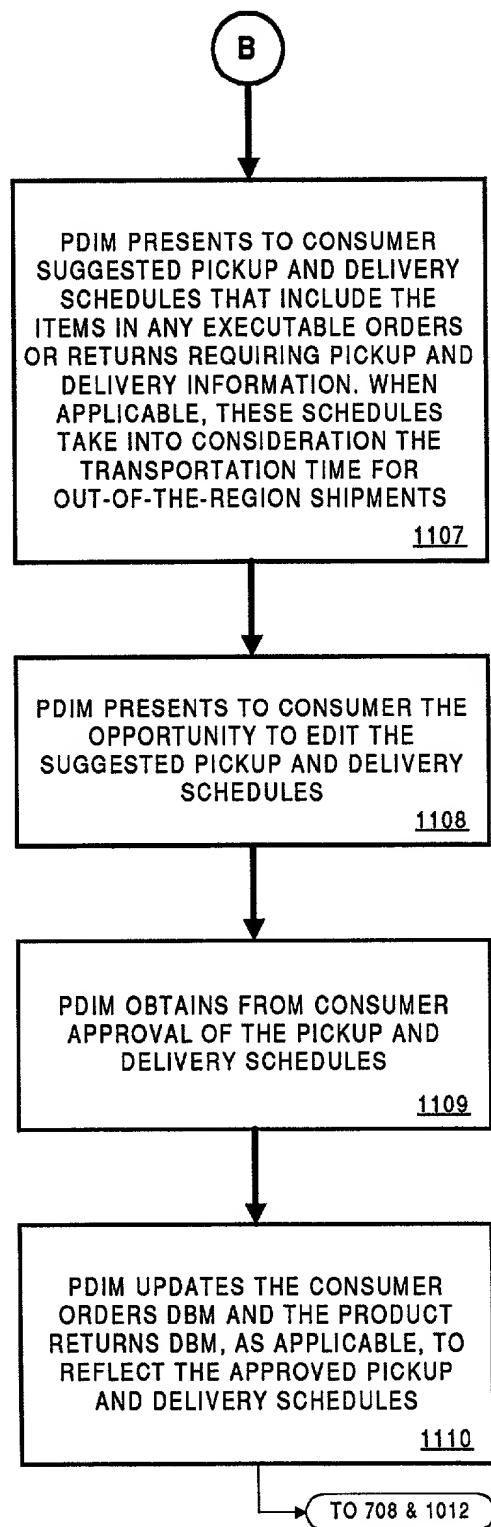


FIG. 11B

## PRODUCT TRANSPORT MODULE (PTM) FLOW CHART

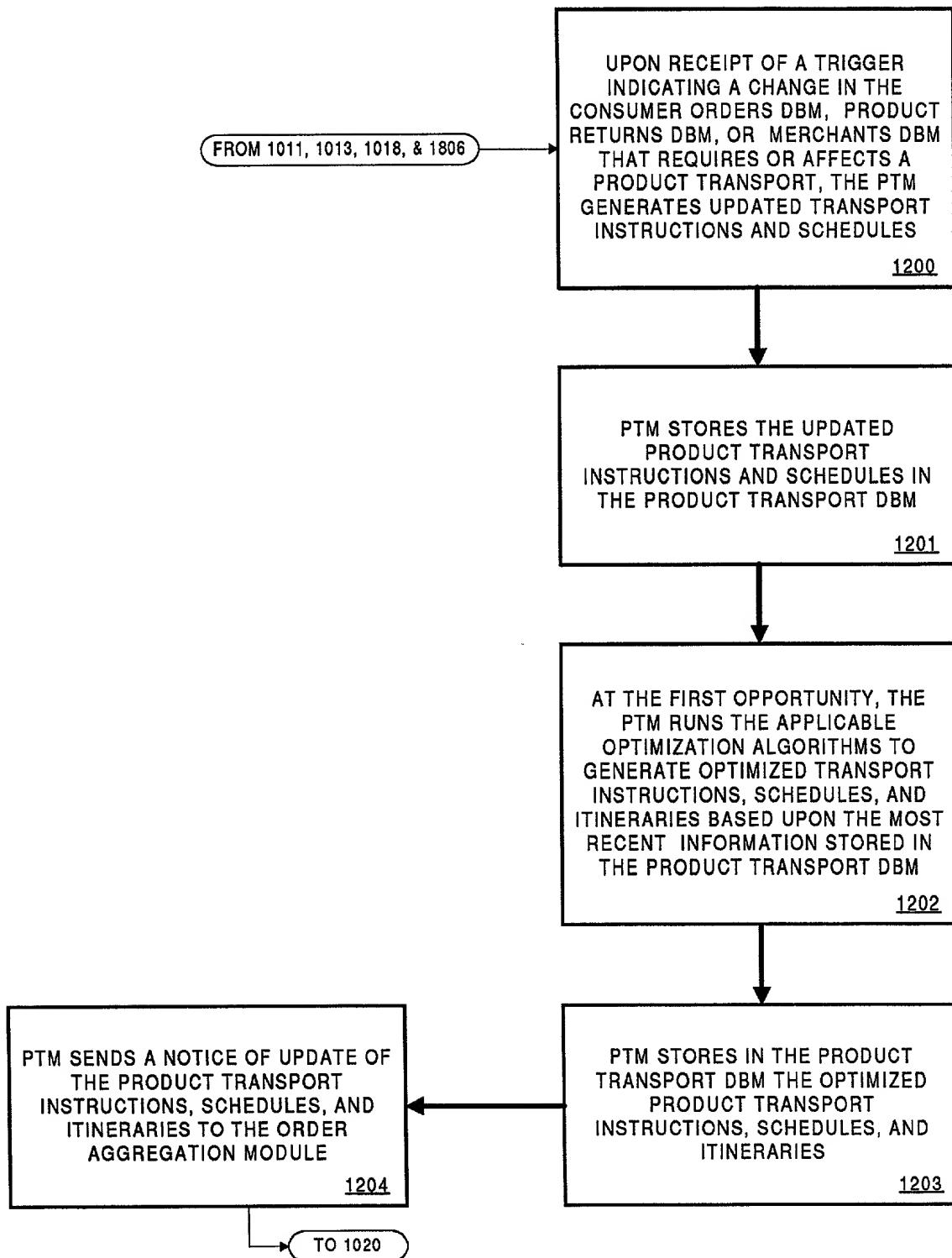


FIG. 12

## CONFIGURATION DIAGRAM OF CUSTOMER SERVICE MODULE (CSM)

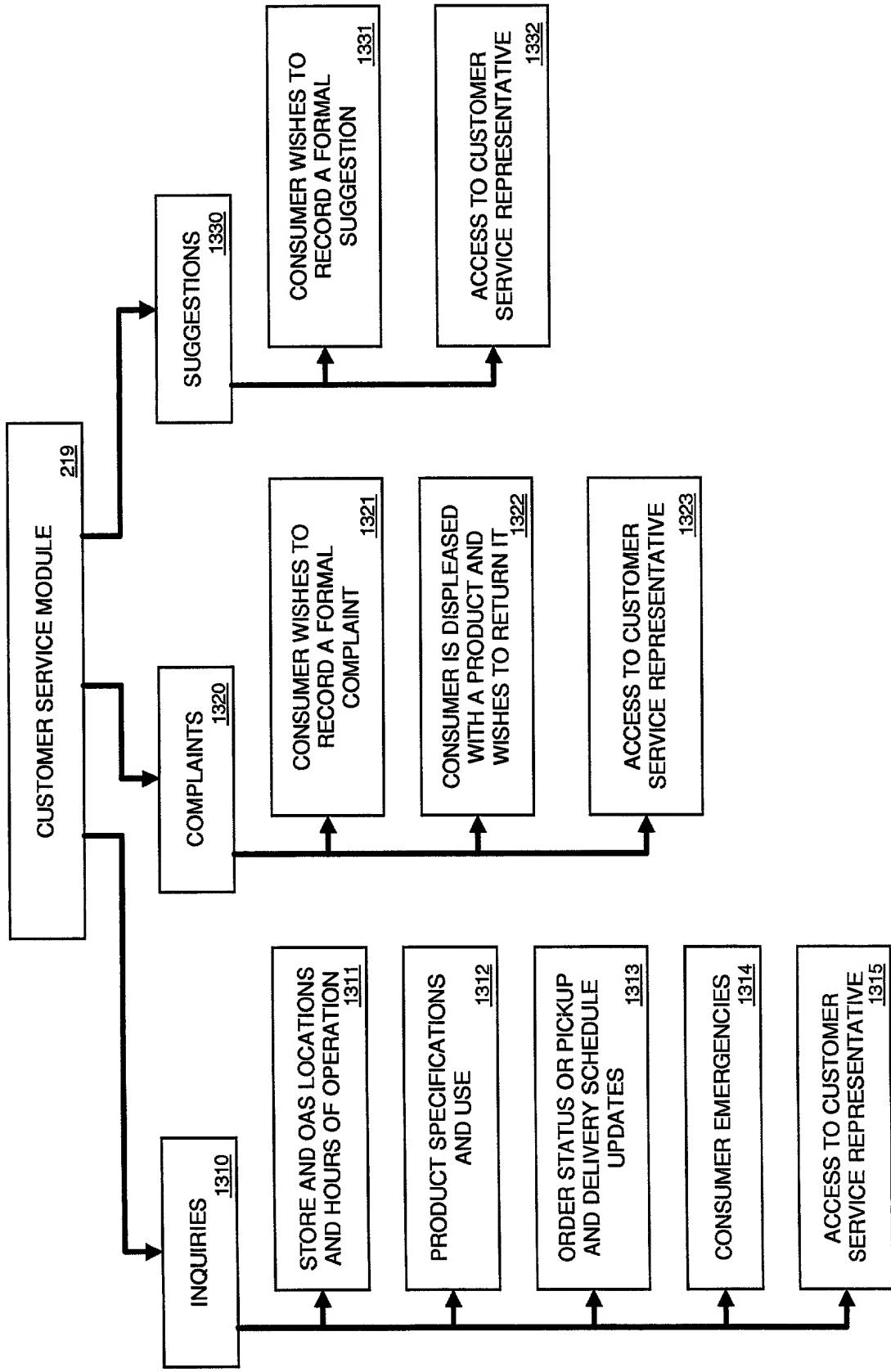


FIG. 13A

## SCHEDULING PROCESS FOR CUSTOMER SERVICE MODULE (CSM)

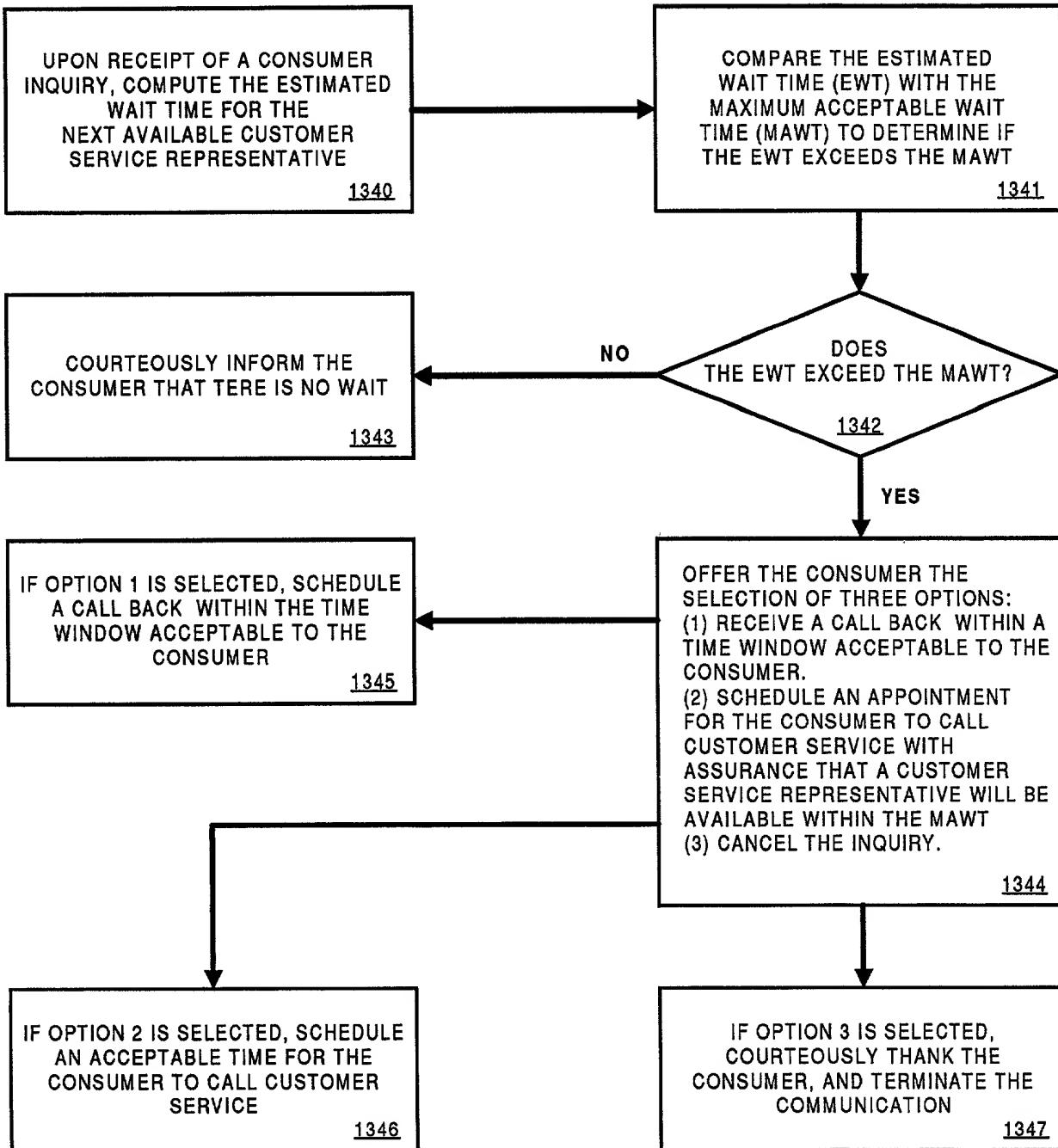


FIG. 13B

## CONFIGURATION DIAGRAM OF STATISTICAL ANALYSIS MODULE (SAM)

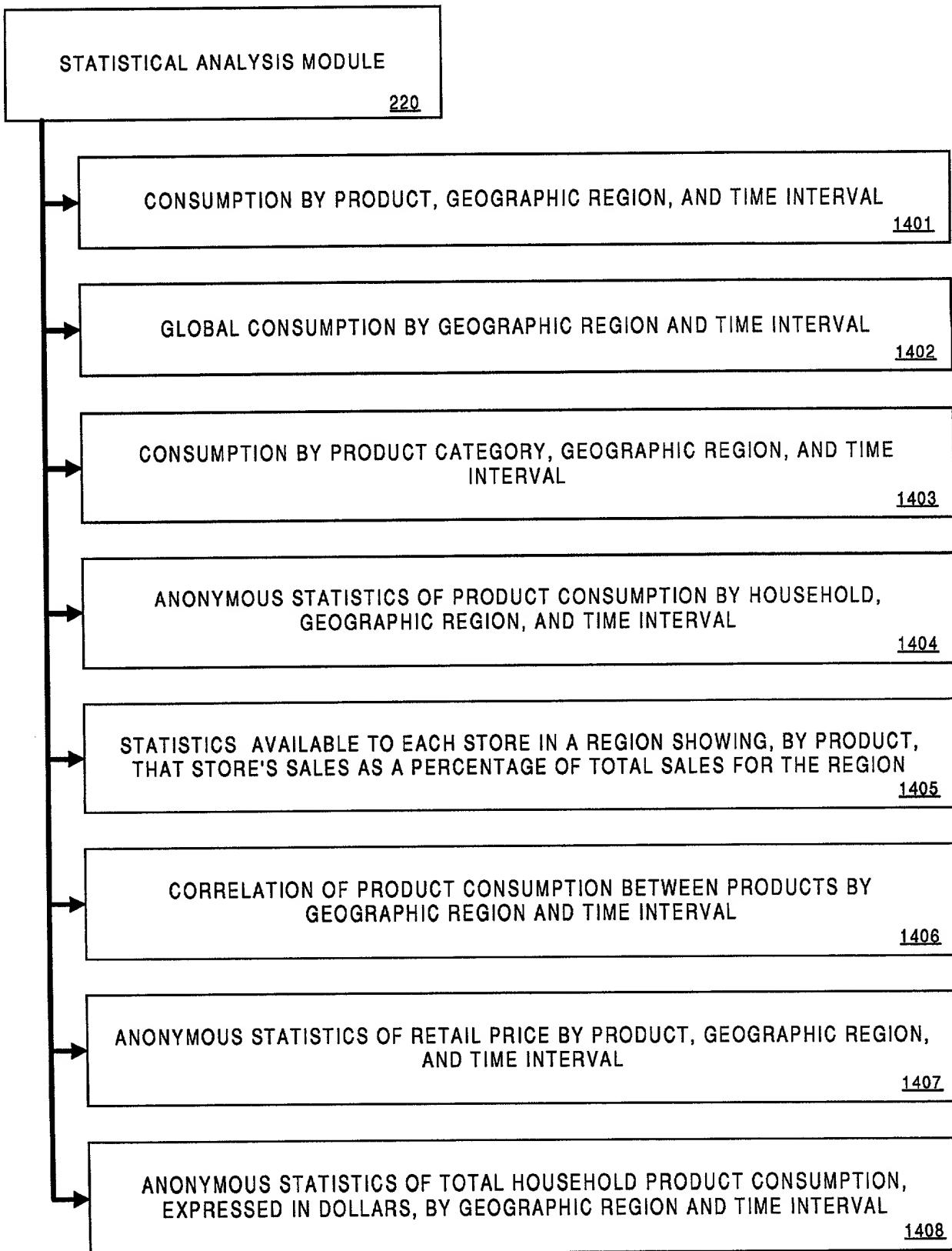


FIG. 14

## CONFIGURATION DIAGRAM OF ACCOUNTING & BILLING MODULE (ABM)

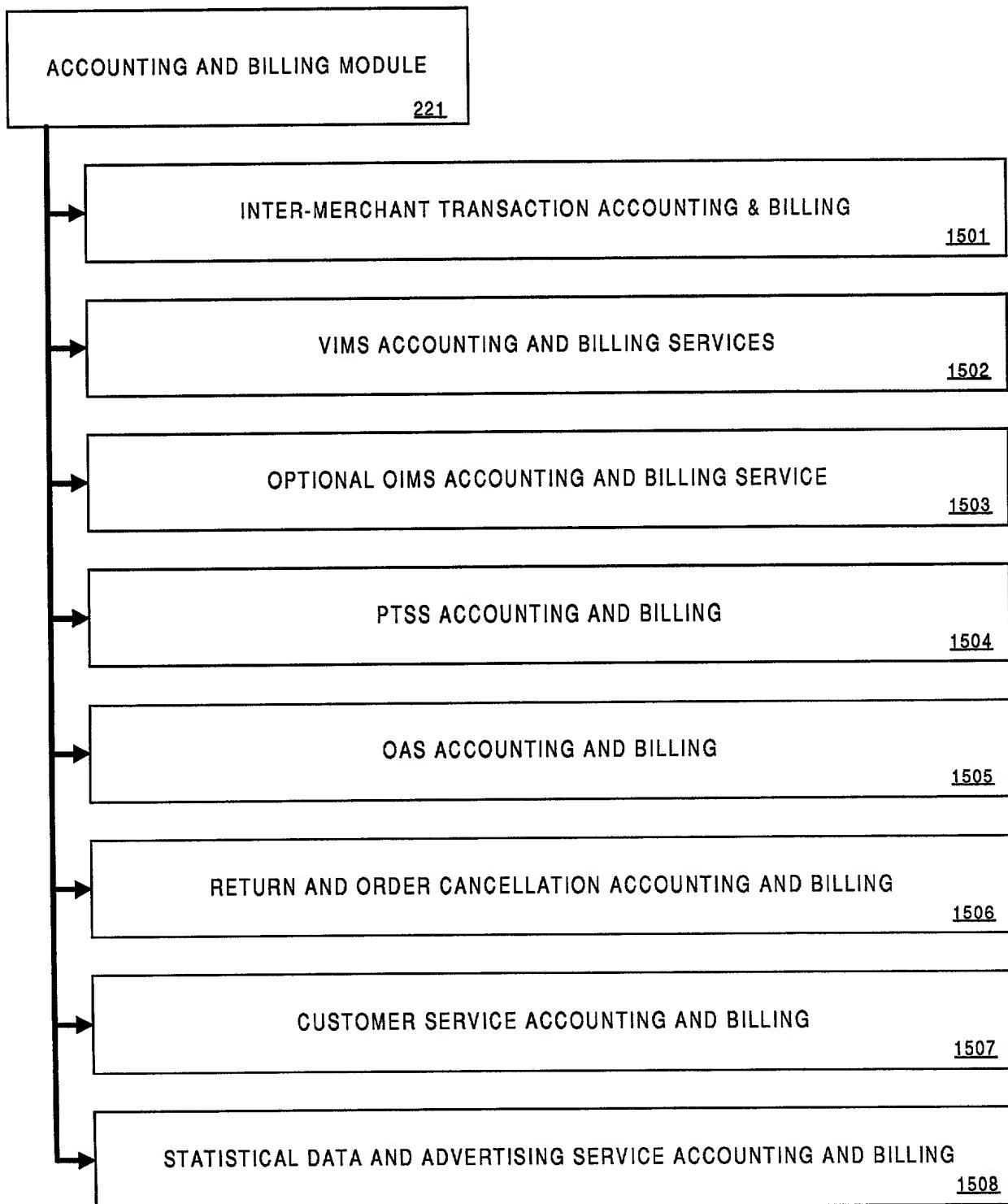


FIG. 15

## EXCEPTION AND RECOVERY MODULE (ERM) FLOW CHARTS

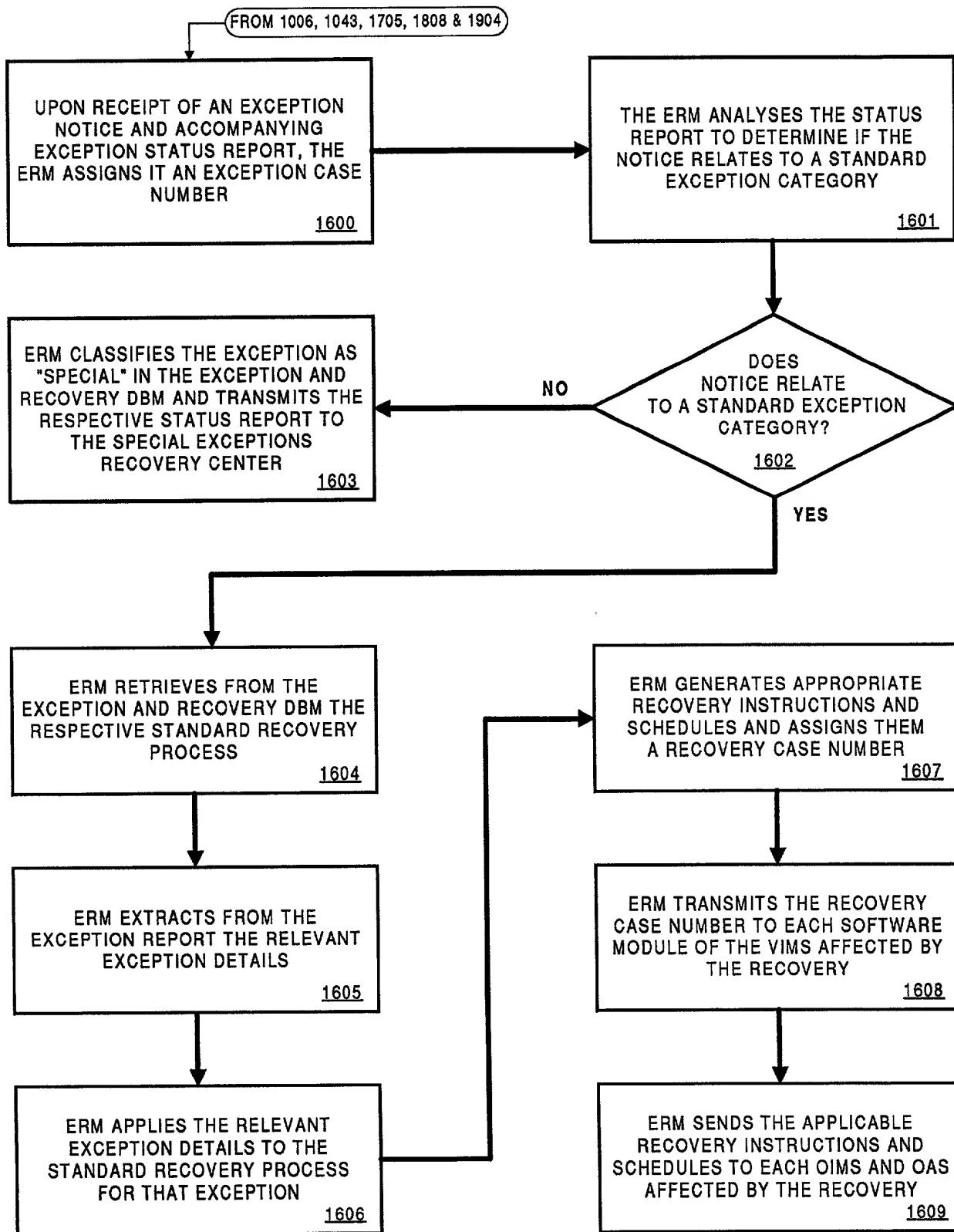


FIG. 16A

## EXCEPTION AND RECOVERY MODULE (ERM) FLOW CHARTS

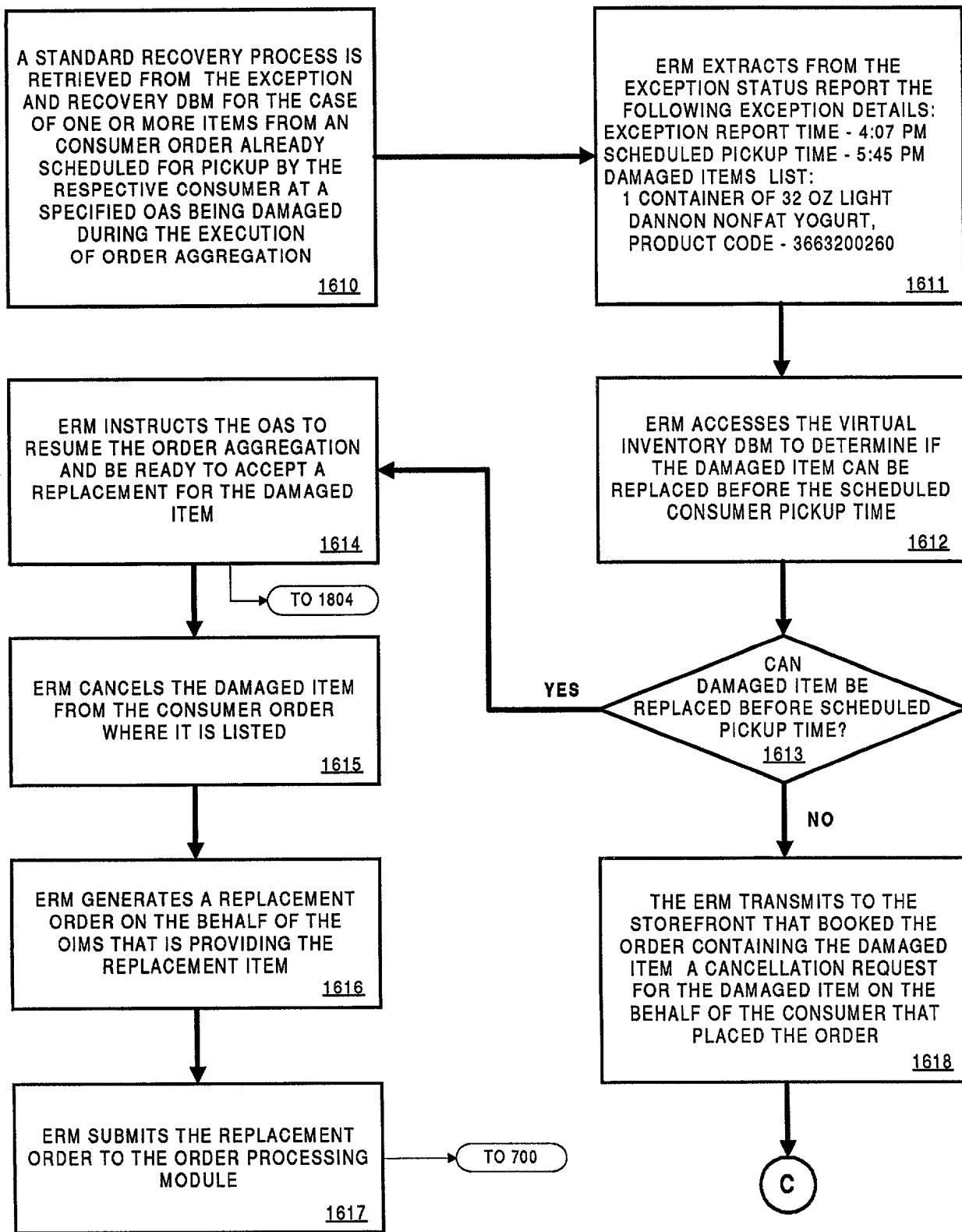


FIG. 16B

## EXCEPTION AND RECOVERY MODULE (ERM) FLOW CHARTS

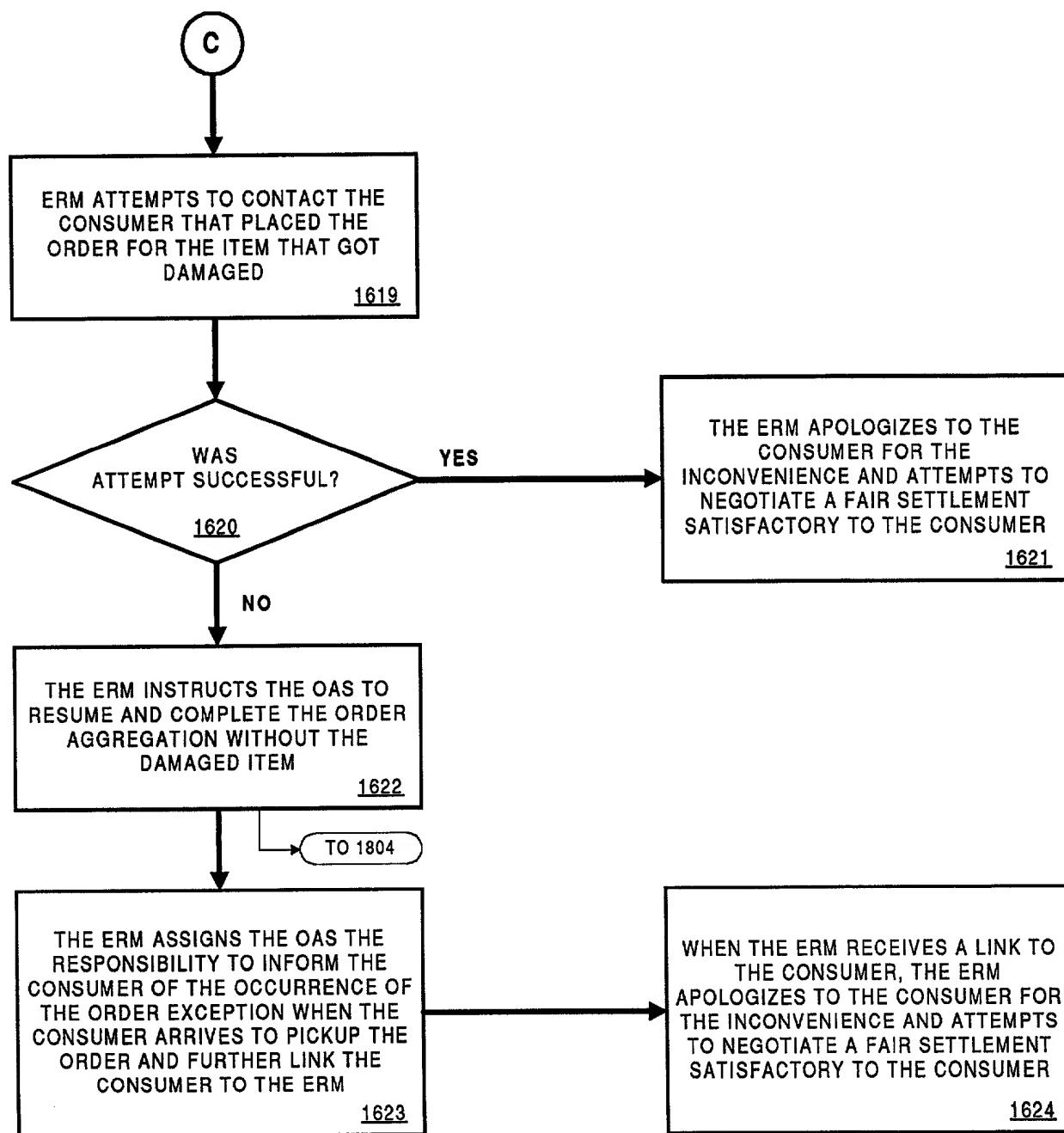


FIG. 16C

## PRODUCT TRANSPORT SUPPORT SERVICE (PTSS) FLOW CHART

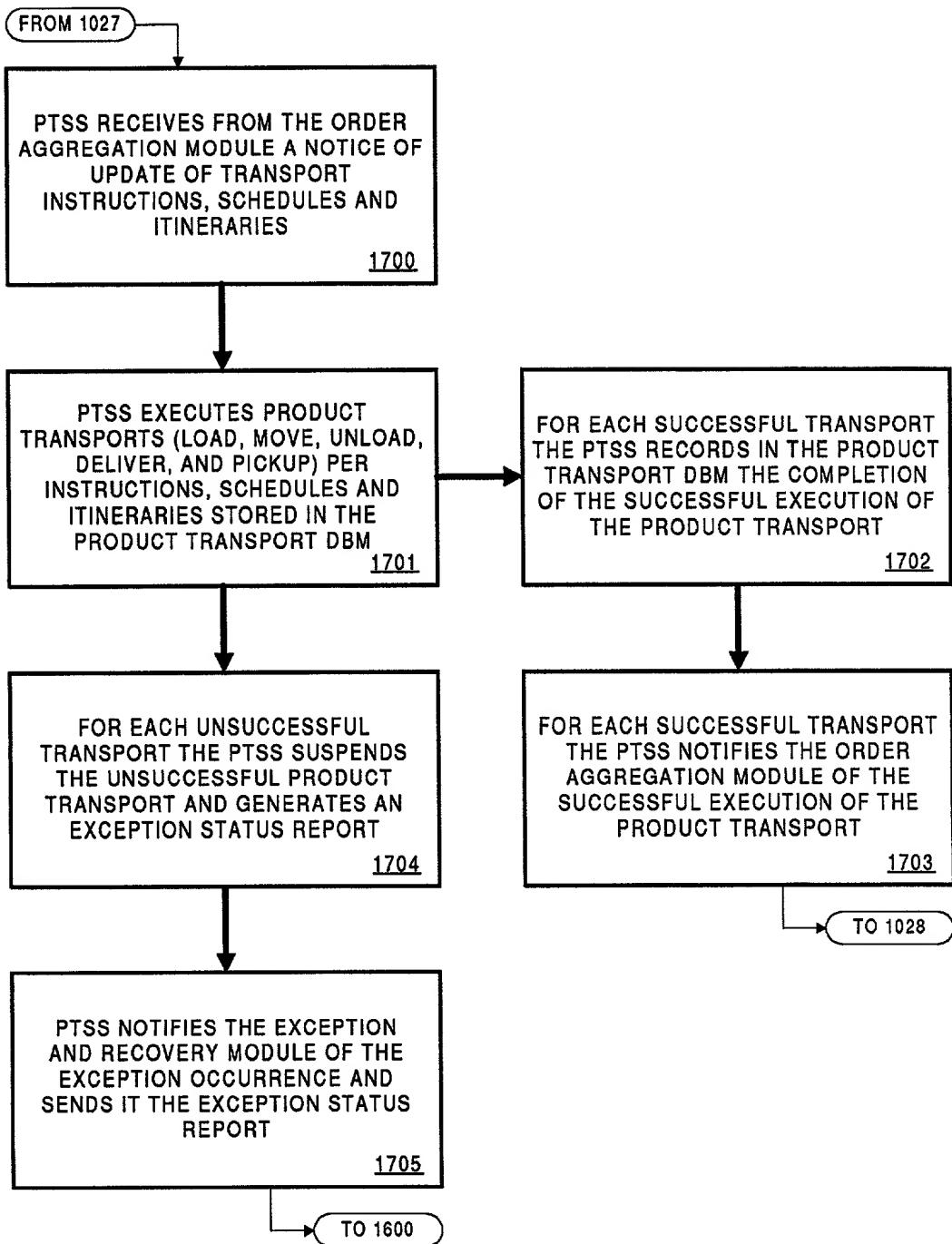


FIG. 17

## ORDER AGGREGATION SITE (OAS) FLOW CHARTS

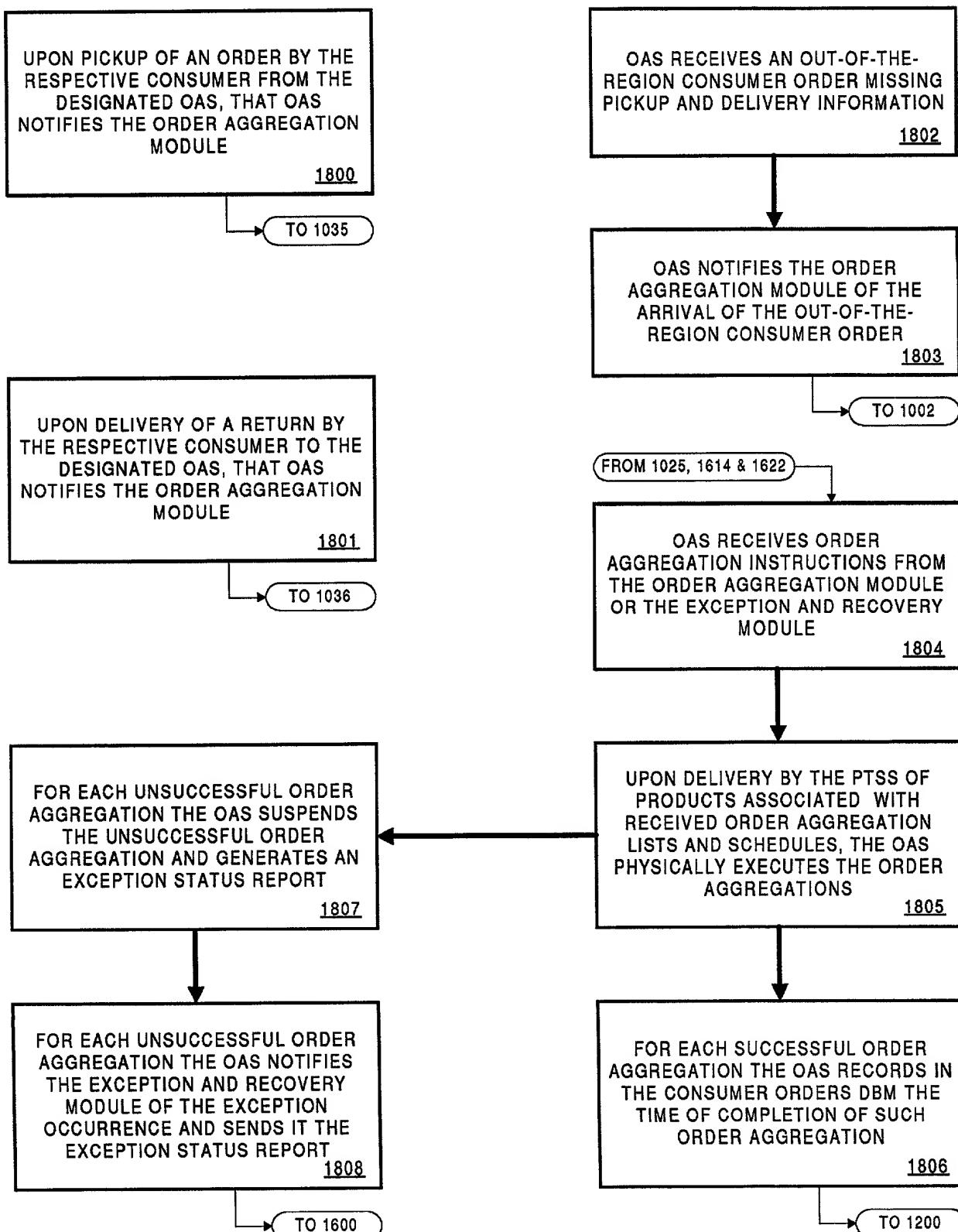


FIG. 18

## ORDER AND INVENTORY MANAGEMENT SYSTEM (OIMS) FLOW CHARTS

1000 1900 1901 1902 1903 1904 1905 1906 1600

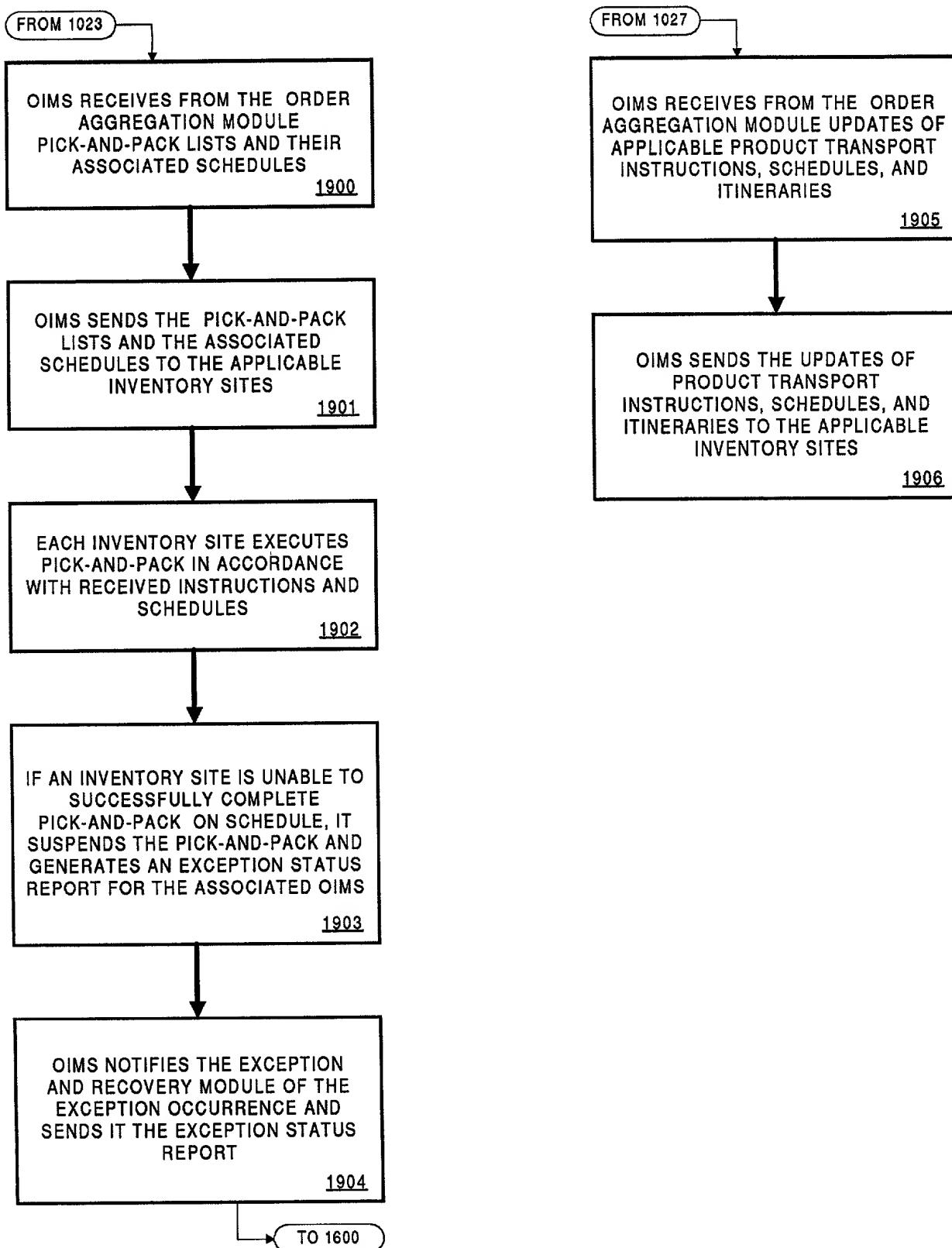


FIG. 19A

## ORDER AND INVENTORY MANAGEMENT SYSTEM (OIMS) FLOW CHARTS

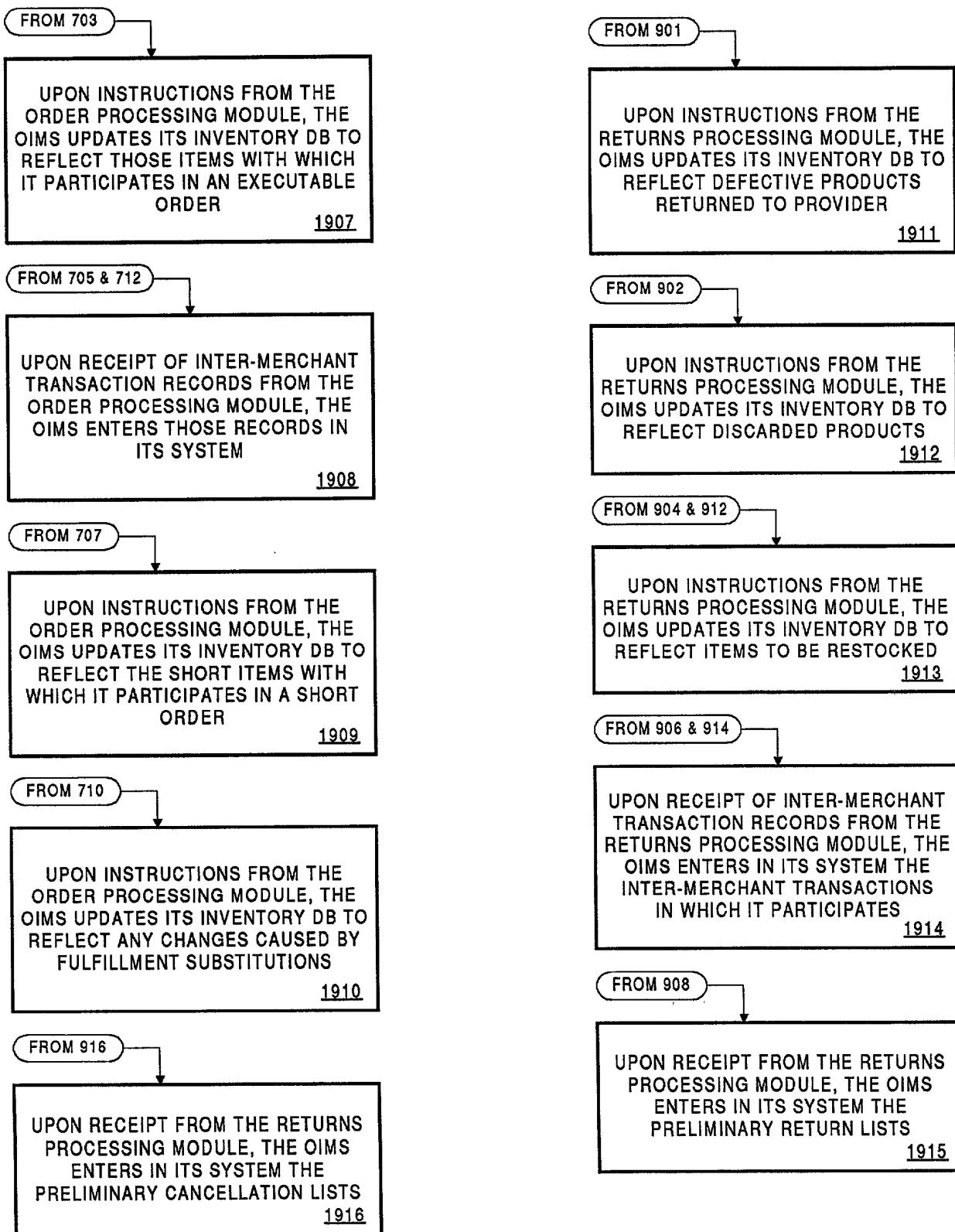


FIG. 19B

## DIAGRAM OF EXEMPLARY SYSTEM IMPLEMENTATION

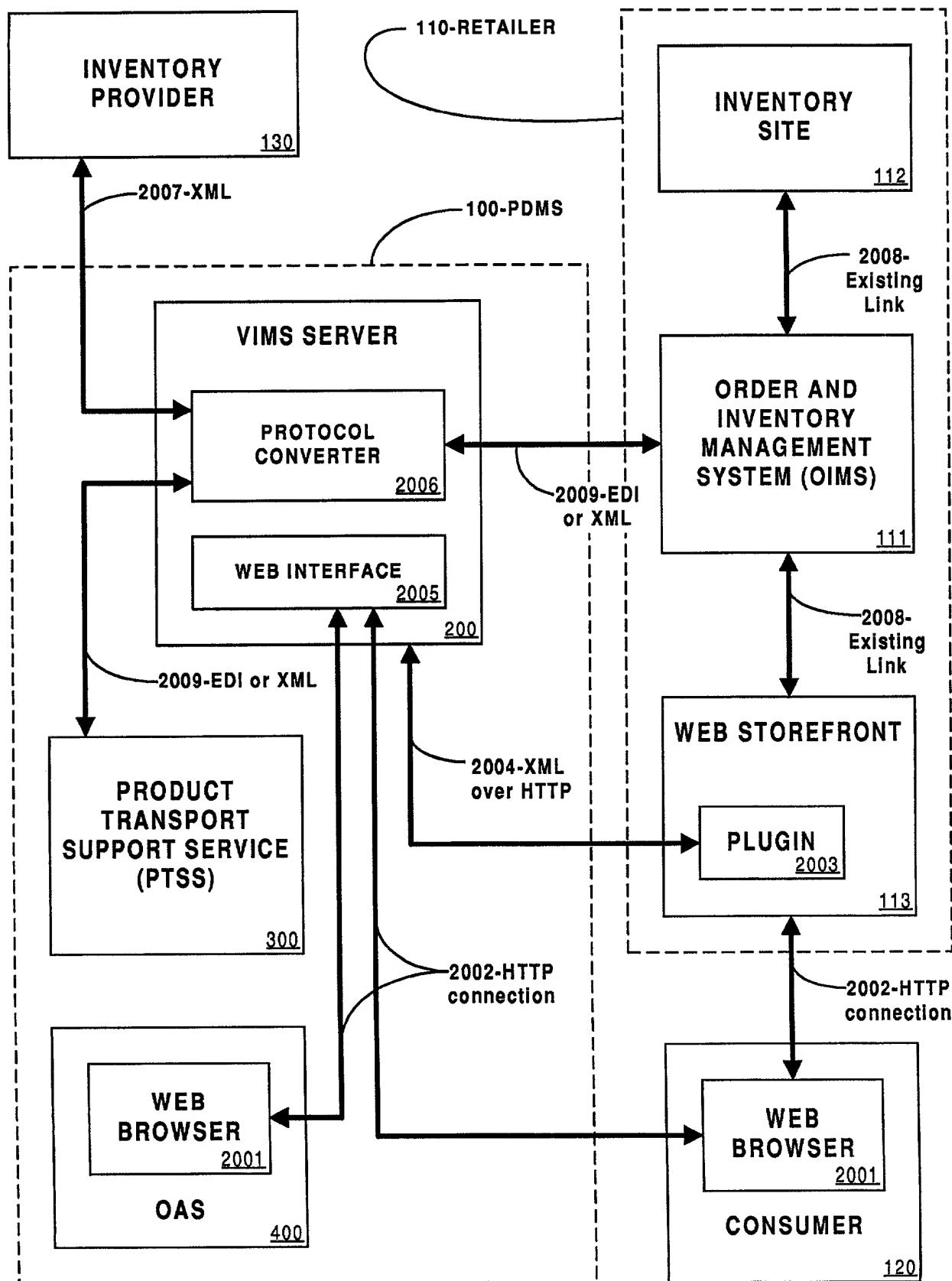


FIG. 20

## COLLABORATIVE INVENTORY SHARING METHOD

### 2100 - METHOD

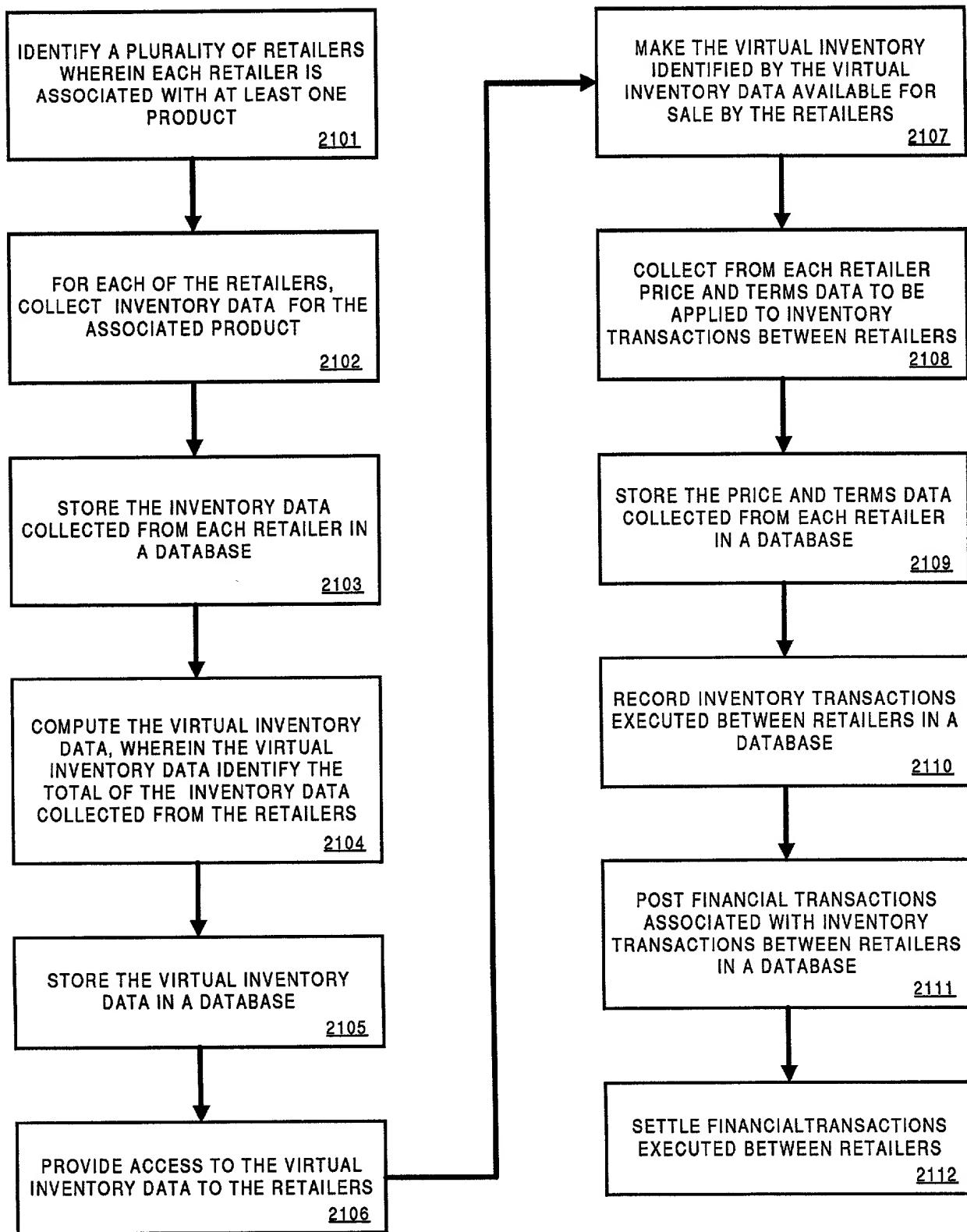


FIG. 21